

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016187.D
 Acq On : 14 Aug 2020 11:48
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 14 12:20:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170355	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	364786	137.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.22%	
35) Dibromofluoromethane	7.89	113	376729	152.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.56%	
50) Toluene-d8	10.32	98	1498878	157.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.90%	
62) 4-Bromofluorobenzene	12.62	95	525496	152.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	257850	186.598	ug/l	94
3) Chloromethane	2.21	50	275075	150.345	ug/l	96
4) Vinyl Chloride	2.37	62	362304	130.506	ug/l	98
5) Bromomethane	2.78	94	223132	107.203	ug/l	97
6) Chloroethane	2.92	64	209823	114.518	ug/l	99
7) Trichlorofluoromethane	3.26	101	311865	154.954	ug/l	99
8) Diethyl Ether	3.68	74	196259	153.923	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	387287	160.399	ug/l	99
10) Methyl Iodide	4.26	142	583658	172.027	ug/l	99
11) Tert butyl alcohol	5.23	59	96809	667.041	ug/l	99
12) 1,1-Dichloroethene	4.03	96	407220	170.240	ug/l	94
13) Acrolein	3.90	56	139251	758.128	ug/l	99
14) Allyl chloride	4.67	41	577132	153.533	ug/l	99
15) Acrylonitrile	5.38	53	382753	772.120	ug/l	99
16) Acetone	4.14	43	370872	753.841	ug/l	100
17) Carbon Disulfide	4.38	76	1192398	168.166	ug/l	99
18) Methyl Acetate	4.68	43	165340	147.411	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	516884	148.251	ug/l	99
20) Methylene Chloride	4.92	84	412875	141.529	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	434490	158.061	ug/l	97
22) Diisopropyl ether	6.32	45	1043429	138.704	ug/l	99
23) Vinyl Acetate	6.26	43	3160213	706.710	ug/l	99
24) 1,1-Dichloroethane	6.22	63	705937	146.385	ug/l	99
25) 2-Butanone	7.18	43	493529	742.350	ug/l	98
26) 2,2-Dichloropropane	7.17	77	423846	139.836	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	469804	160.893	ug/l	98
28) Bromochloromethane	7.51	49	274205	141.228	ug/l	99
29) Tetrahydrofuran	7.54	42	296474	734.451	ug/l	99
30) Chloroform	7.68	83	720742	145.848	ug/l	99
31) Cyclohexane	7.96	56	624264	137.185	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	606881	146.435	ug/l	99
36) 1,1-Dichloropropene	8.09	75	588965	146.132	ug/l	99
37) Ethyl Acetate	7.26	43	210476	134.758	ug/l	99
38) Carbon Tetrachloride	8.07	117	581564	148.408	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	754020	157.870	ug/l	99
40) Benzene	8.33	78	1653614	149.059	ug/l	100
41) Methacrylonitrile	7.49	41	132923	150.096	ug/l	97
42) 1,2-Dichloroethane	8.40	62	438511	129.892	ug/l	99
43) Isopropyl Acetate	8.43	43	415253	137.730	ug/l	100
44) Trichloroethene	9.10	130	459093	155.271	ug/l	97
45) 1,2-Dichloropropane	9.37	63	394560	145.382	ug/l	100
46) Dibromomethane	9.46	93	208980	148.653	ug/l	99
47) Bromodichloromethane	9.65	83	543427	150.336	ug/l	96
48) Methyl methacrylate	9.44	41	199497	144.797	ug/l	98
49) 1,4-Dioxane	9.48	88	57725	3276.211	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1030896	697.883	ug/l	99
52) Toluene	10.39	92	1061194	148.383	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	544849	157.542	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	655531	157.417	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	299422	153.480	ug/l	99
56) Ethyl methacrylate	10.65	69	385147	160.610	ug/l	97
57) 1,3-Dichloropropane	10.93	76	512621	148.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	846147	730.501	ug/l	99
59) 2-Hexanone	10.97	43	725881	734.444	ug/l	98
60) Dibromochloromethane	11.13	129	368136	162.016	ug/l	100
61) 1,2-Dibromoethane	11.24	107	293196	155.547	ug/l	99
64) Tetrachloroethene	10.87	164	357523	152.614	ug/l	90
65) Chlorobenzene	11.66	112	1120806	155.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	398070	155.898	ug/l	99
67) Ethyl Benzene	11.73	91	2067279	154.579	ug/l	100
68) m/p-Xylenes	11.84	106	1575998	313.713	ug/l	98
69) o-Xylene	12.17	106	725062	158.401	ug/l	99
70) Styrene	12.18	104	1236388	156.830	ug/l	99
71) Bromoform	12.35	173	182578	157.056	ug/l #	98
73) Isopropylbenzene	12.47	105	1979894	163.717	ug/l	99
74) N-amyl acetate	12.27	43	378411	149.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	320651	158.444	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	414401	274.780	ug/l	31
77) Bromobenzene	12.75	156	427508	158.045	ug/l	98
78) n-propylbenzene	12.80	91	2318461	158.515	ug/l	99
79) 2-Chlorotoluene	12.90	91	1341449	160.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1666511	161.351	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	109144	182.253	ug/l	96
82) 4-Chlorotoluene	12.99	91	1382755	158.278	ug/l	100
83) tert-Butylbenzene	13.21	119	1405811	164.287	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1654303	160.420	ug/l	98
85) sec-Butylbenzene	13.38	105	1984557	160.466	ug/l	100
86) p-Isopropyltoluene	13.50	119	1791452	158.617	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	831808	153.112	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	809732	152.552	ug/l	98
89) n-Butylbenzene	13.82	91	1681766	156.882	ug/l	99
90) Hexachloroethane	14.10	117	344837	169.067	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	727402	155.448	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	53579	166.310	ug/l	99

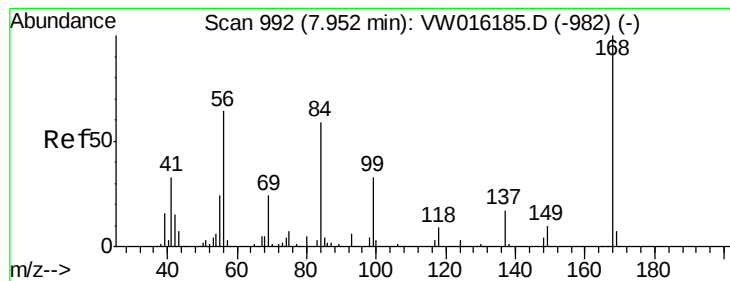
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
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Quant Title : SW846 8260
QLast Update : Fri Aug 14 11:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	489944	166.479	ug/l	96
94) Hexachlorobutadiene	15.24	225	271230	147.736	ug/l	97
95) Naphthalene	15.36	128	986477	195.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	411719	162.476	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

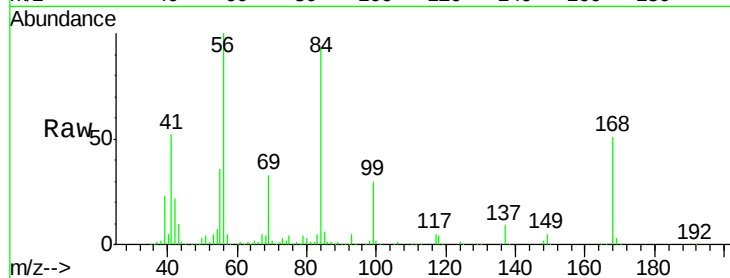
VSTDIC150

Tgt Ion:168 Resp: 256305

Ion Ratio Lower Upper

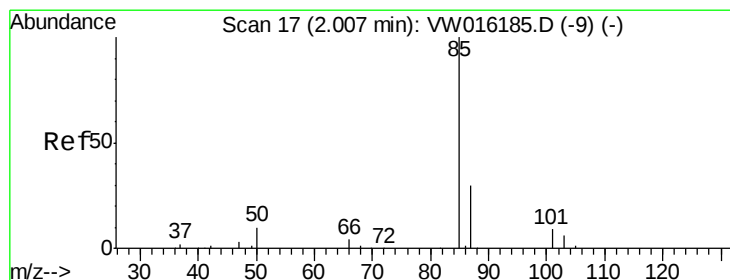
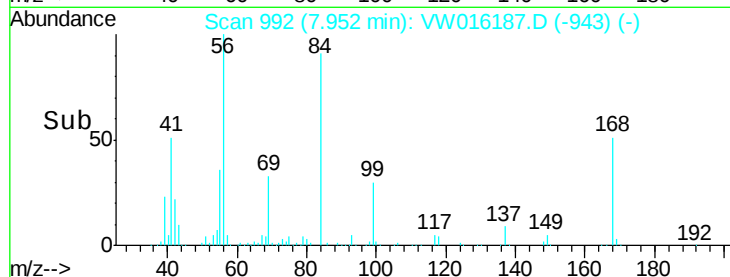
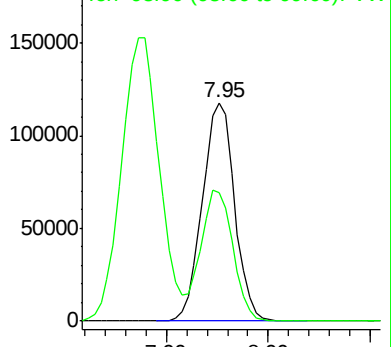
168 100

99 58.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 186.598 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016187.D

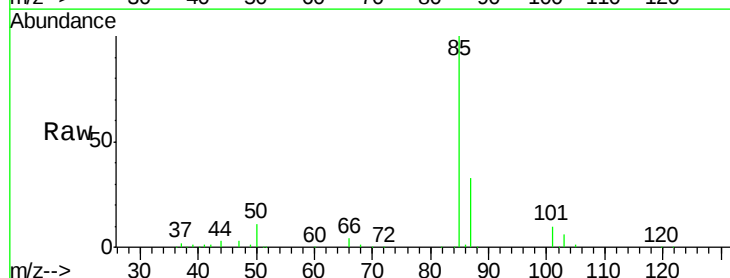
Acq: 14 Aug 2020 11:48

Tgt Ion: 85 Resp: 257850

Ion Ratio Lower Upper

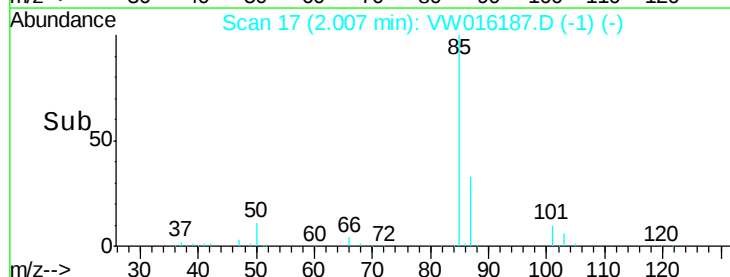
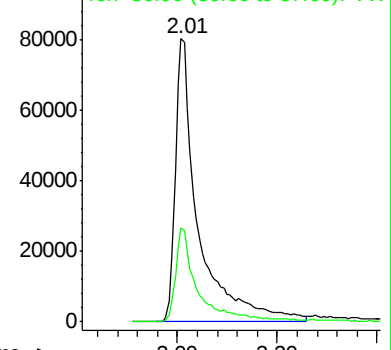
85 100

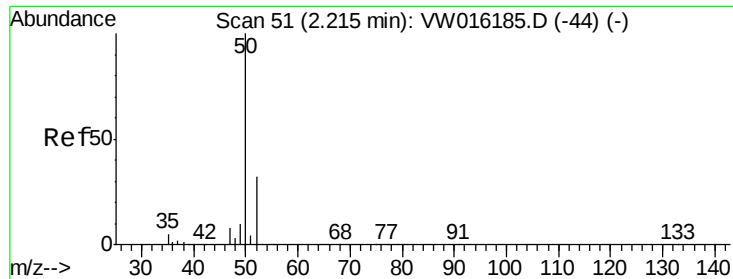
87 33.0 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 150.345 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

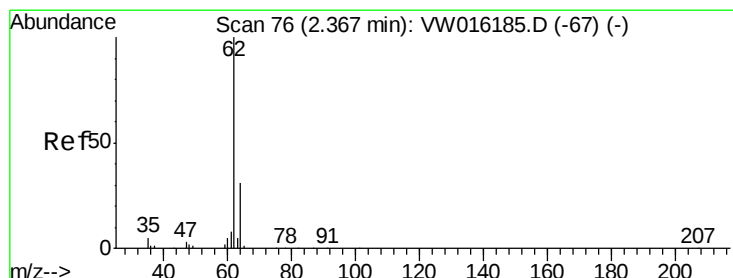
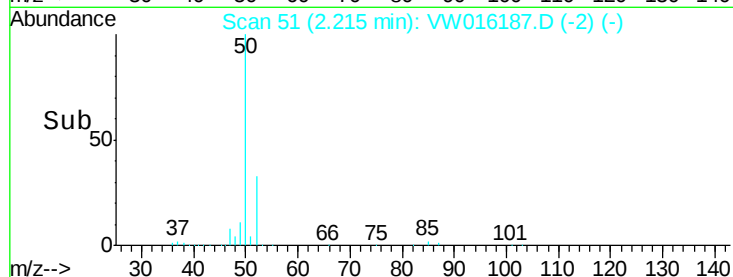
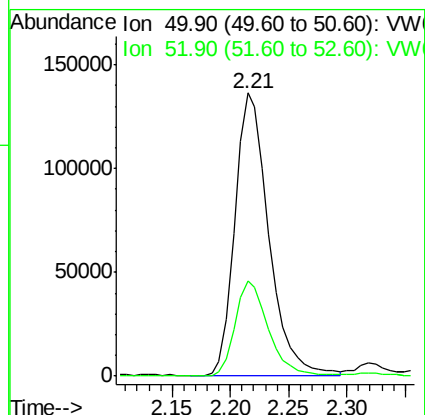
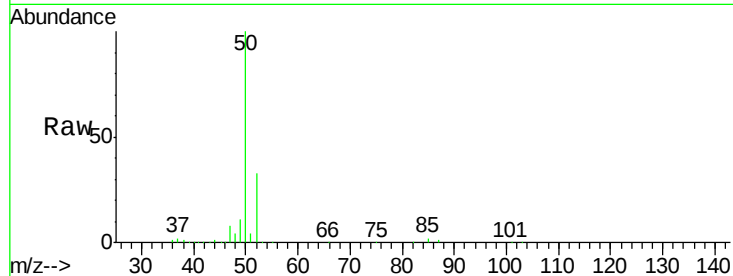
VSTDIC150

Tgt Ion: 50 Resp: 275075

Ion Ratio Lower Upper

50 100

52 33.5 25.3 37.9



#4

Vinyl Chloride

Concen: 130.506 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016187.D

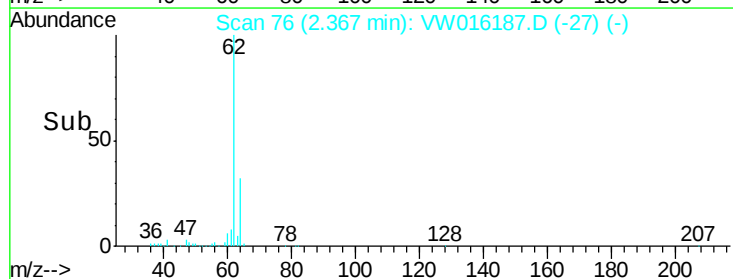
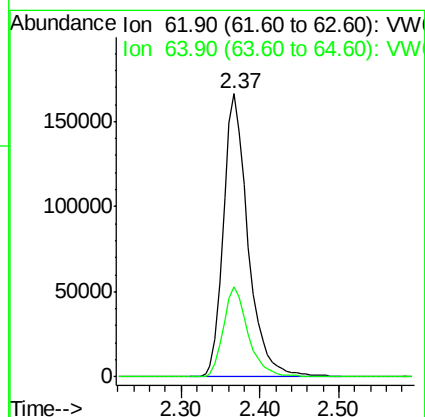
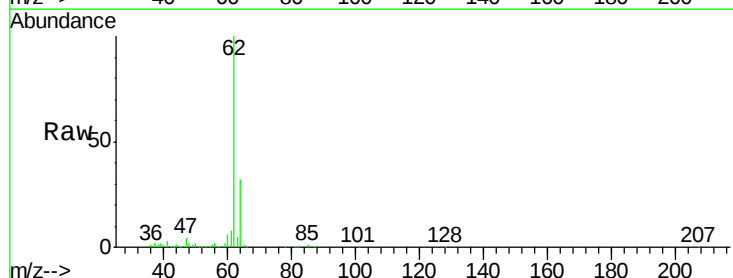
Acq: 14 Aug 2020 11:48

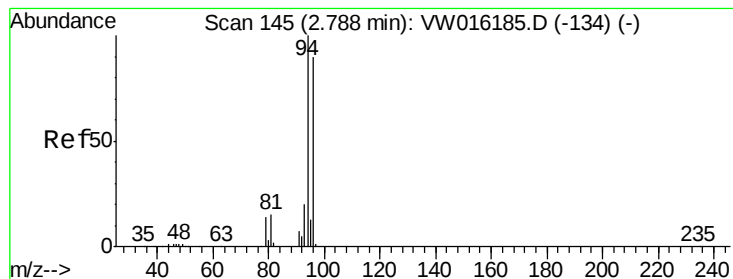
Tgt Ion: 62 Resp: 362304

Ion Ratio Lower Upper

62 100

64 31.7 24.5 36.7





#5

Bromomethane

Concen: 107.203 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

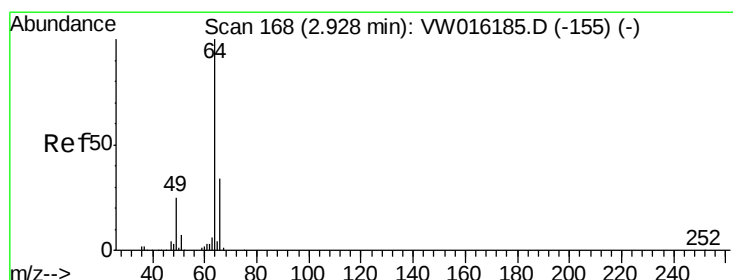
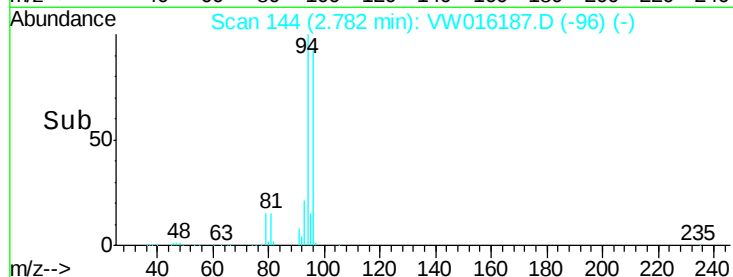
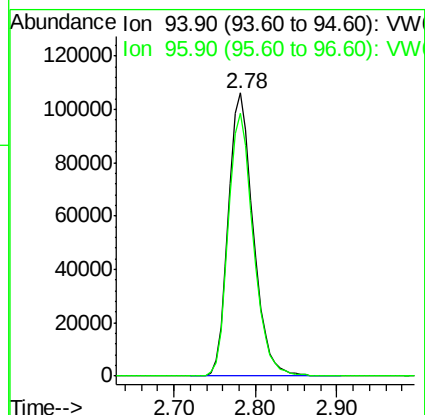
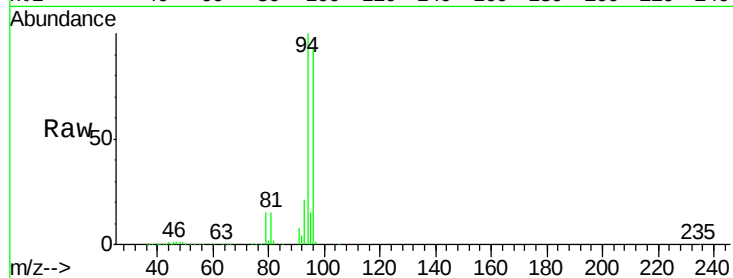
VSTDIC150

Tgt Ion: 94 Resp: 223132

Ion Ratio Lower Upper

94 100

96 92.8 71.8 107.6



#6

Chloroethane

Concen: 114.518 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016187.D

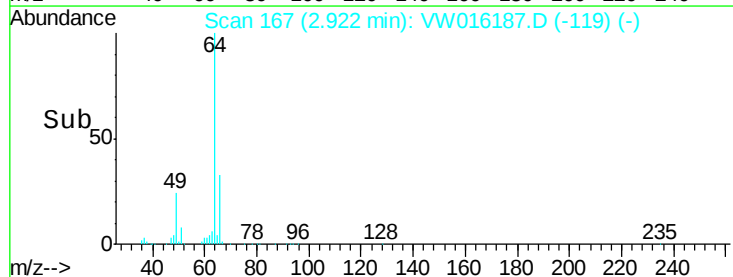
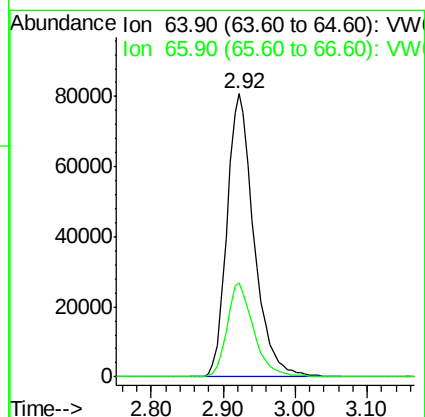
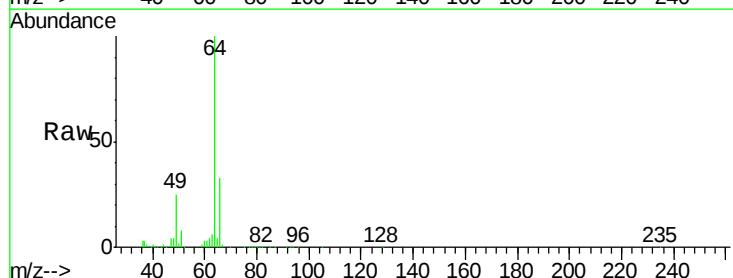
Acq: 14 Aug 2020 11:48

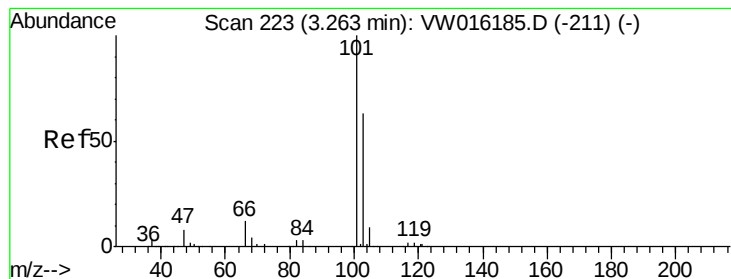
Tgt Ion: 64 Resp: 209823

Ion Ratio Lower Upper

64 100

66 33.0 26.9 40.3



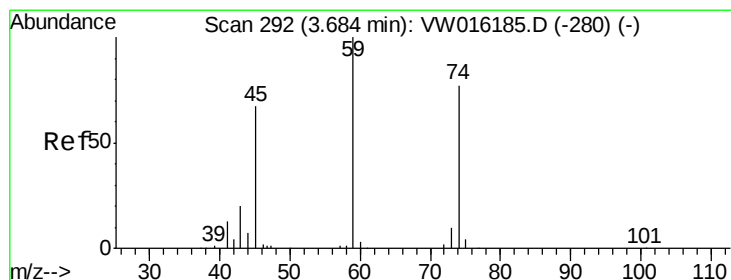
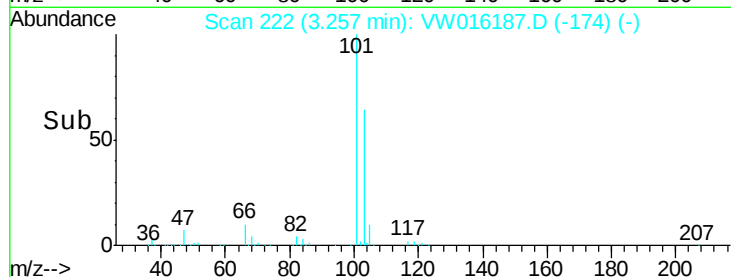
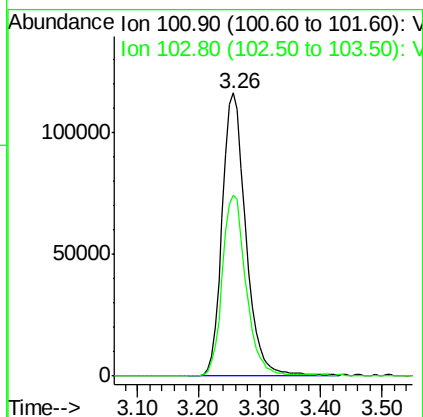
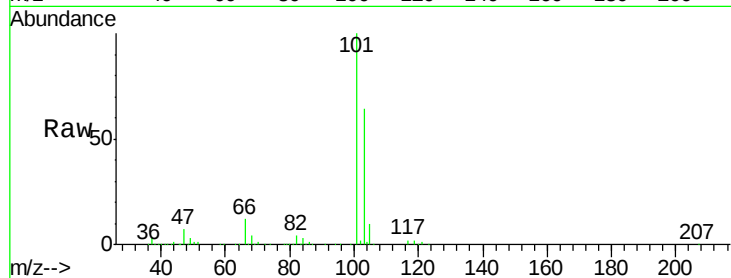


#7

Trichlorofluoromethane
 Concen: 154.954 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

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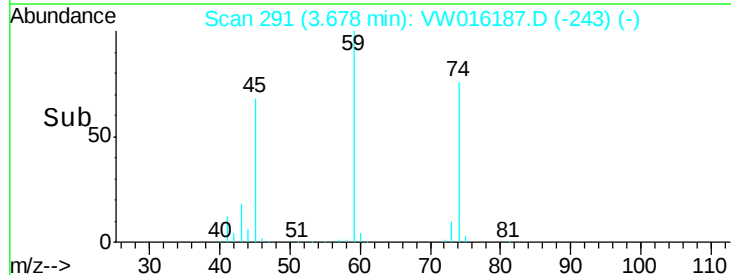
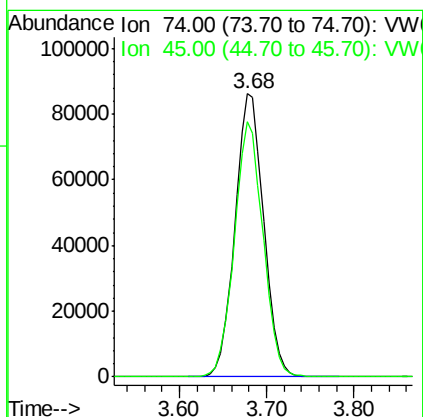
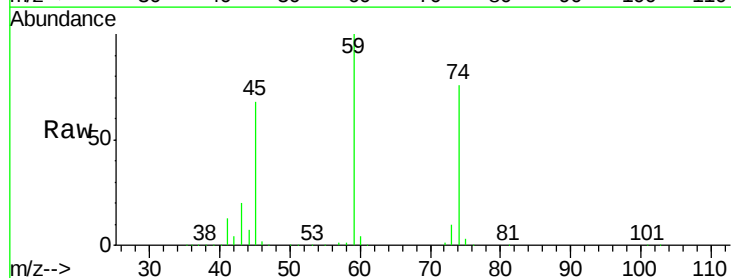
Tgt Ion: 101 Resp: 311865
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.4 75.6

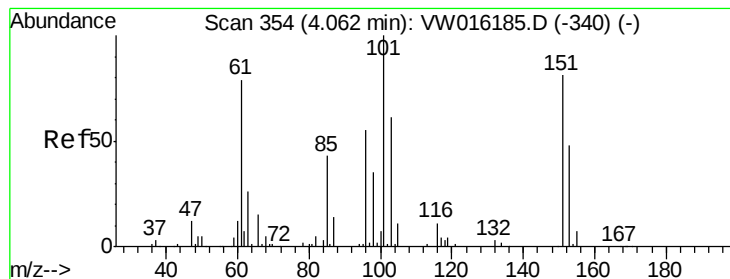


#8

Diethyl Ether
 Concen: 153.923 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion: 74 Resp: 196259
 Ion Ratio Lower Upper
 74 100
 45 90.8 45.9 137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 160.399 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

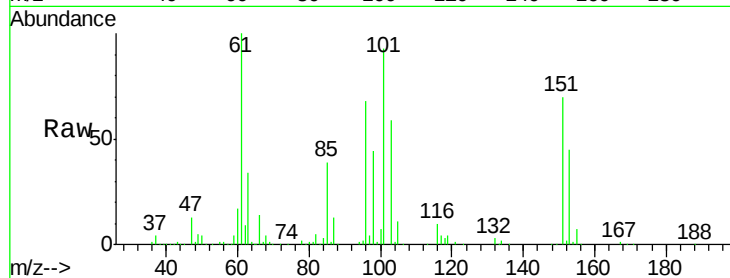
Tgt Ion:101 Resp: 387287

Ion Ratio Lower Upper

101 100

85 41.6 33.3 49.9

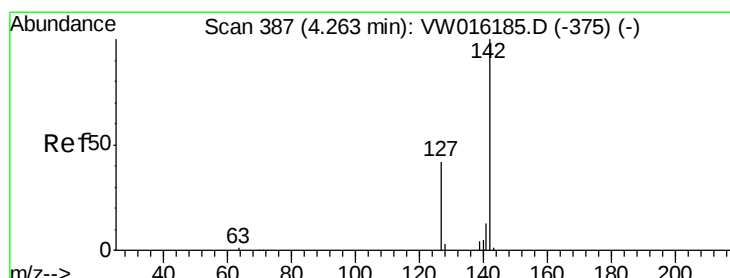
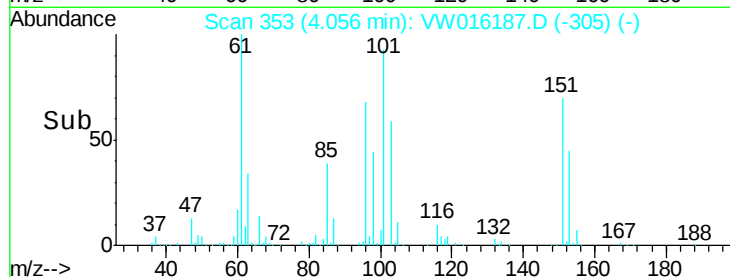
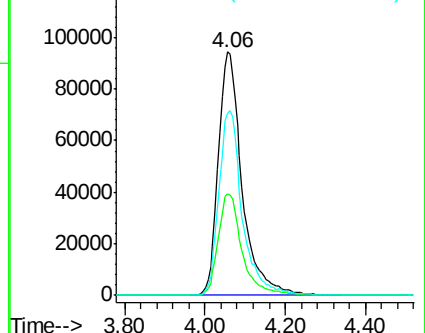
151 75.0 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 172.027 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

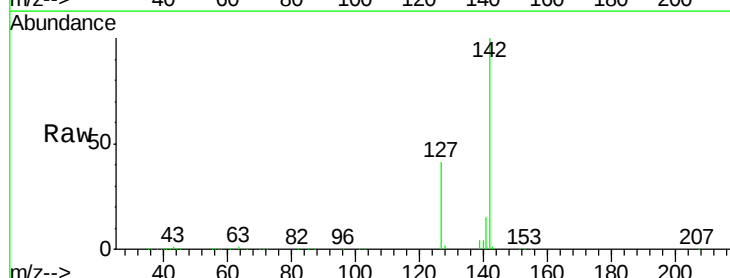
Tgt Ion:142 Resp: 583658

Ion Ratio Lower Upper

142 100

127 42.6 34.6 52.0

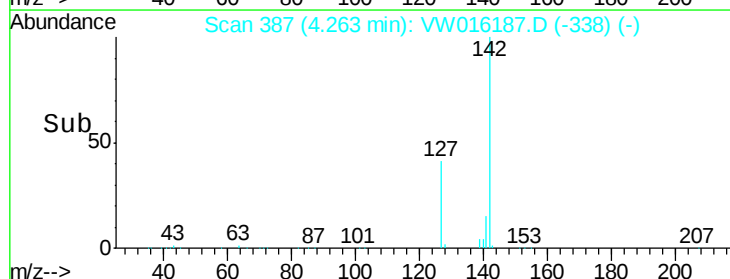
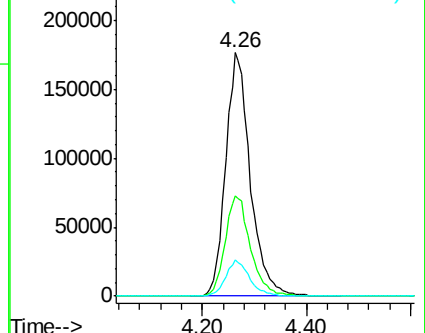
141 14.5 11.4 17.2

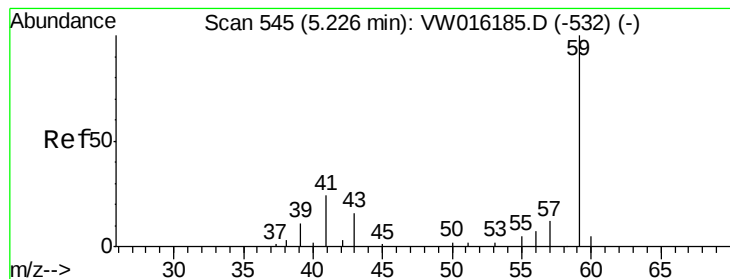


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



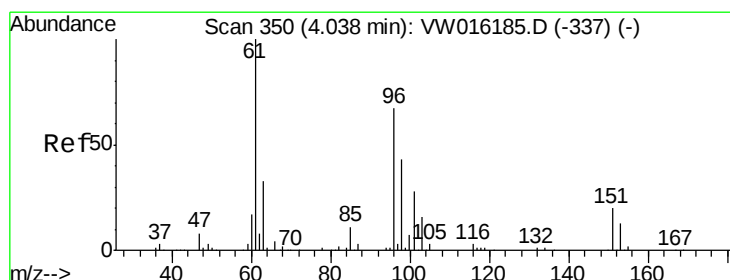
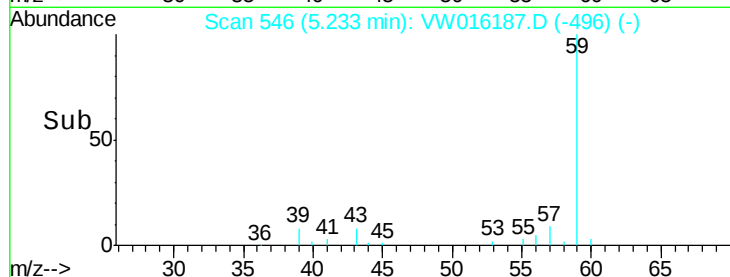
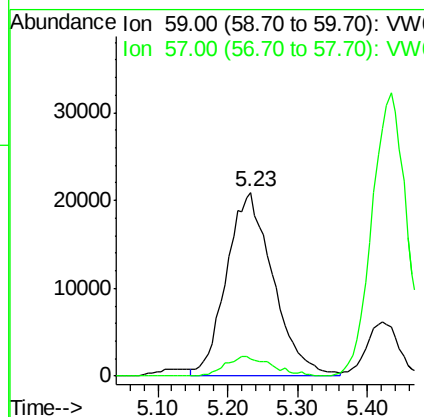
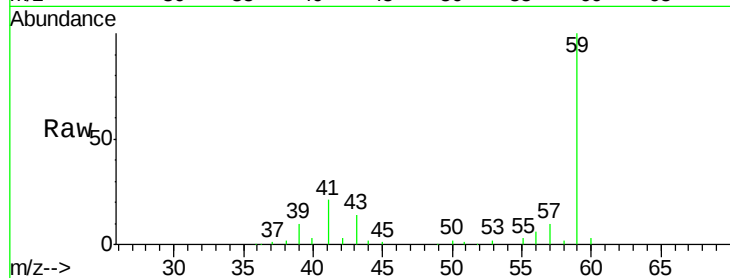


#11

Tert butyl alcohol
 Concen: 667.041 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. 0.01 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

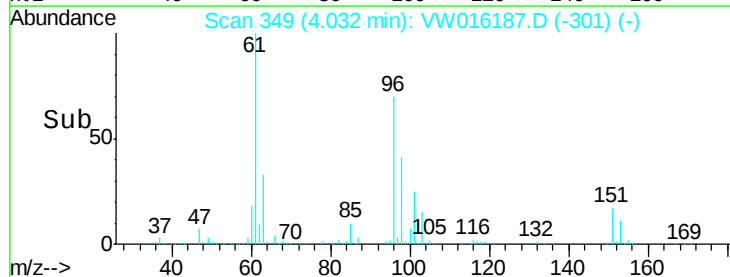
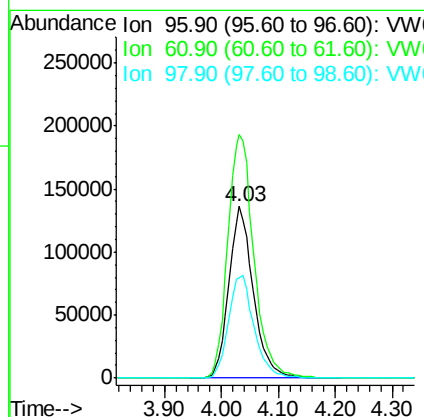
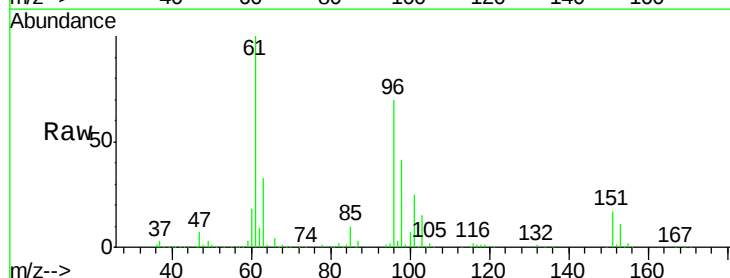
Tgt Ion: 59 Resp: 96809
 Ion Ratio Lower Upper
 59 100
 57 10.9 9.0 13.6

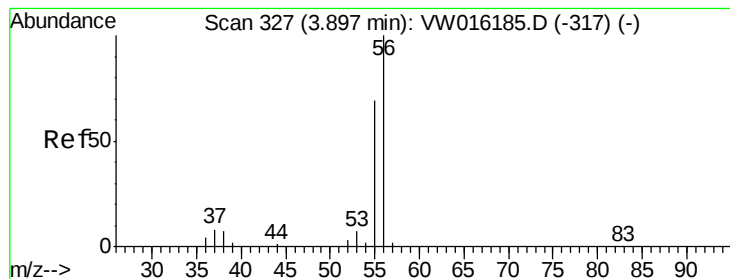


#12

1,1-Dichloroethene
 Concen: 170.240 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion: 96 Resp: 407220
 Ion Ratio Lower Upper
 96 100
 61 142.0 119.5 179.3
 98 58.2 51.3 76.9





#13

Acrolein

Concen: 758.128 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

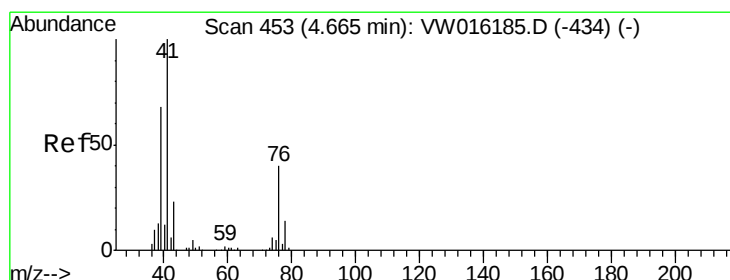
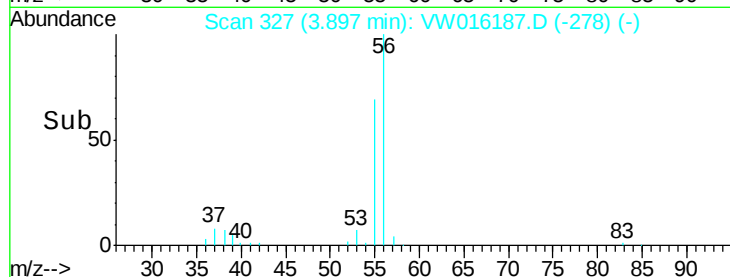
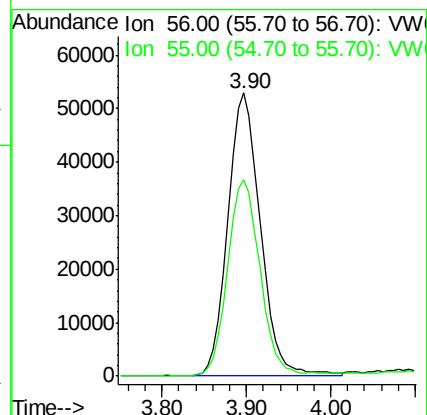
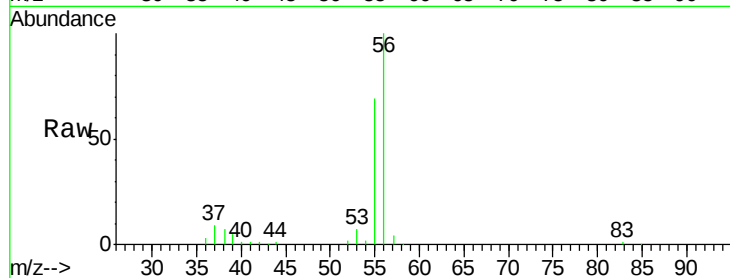
VSTDIC150

Tgt Ion: 56 Resp: 139251

Ion Ratio Lower Upper

56 100

55 68.3 55.0 82.6



#14

Allyl chloride

Concen: 153.533 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

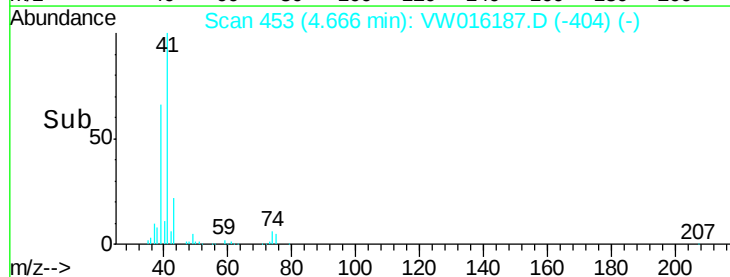
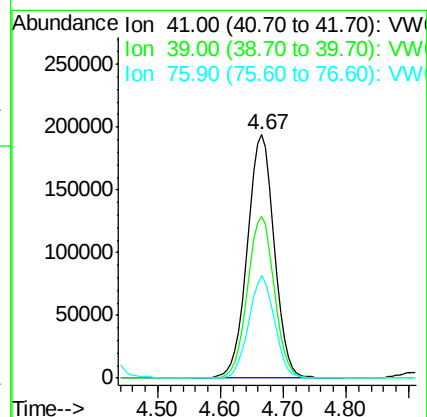
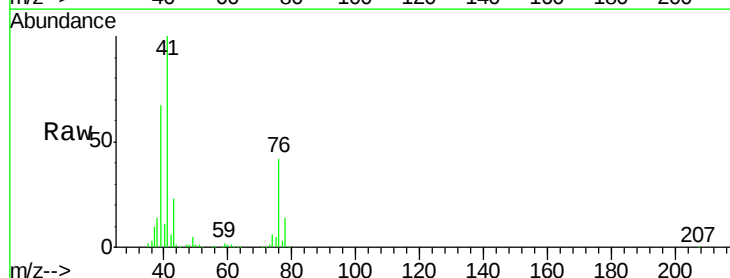
Tgt Ion: 41 Resp: 577132

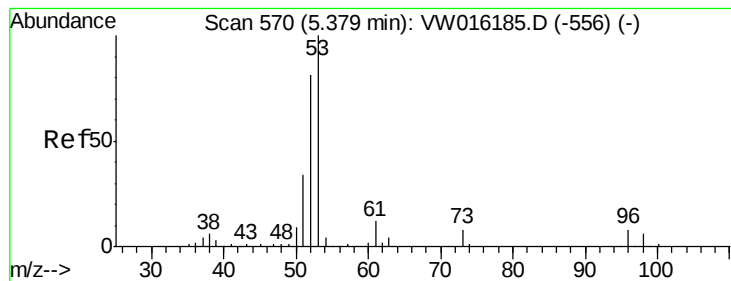
Ion Ratio Lower Upper

41 100

39 66.1 53.4 80.0

76 40.1 32.0 48.0





#15

Acrylonitrile

Concen: 772.120 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

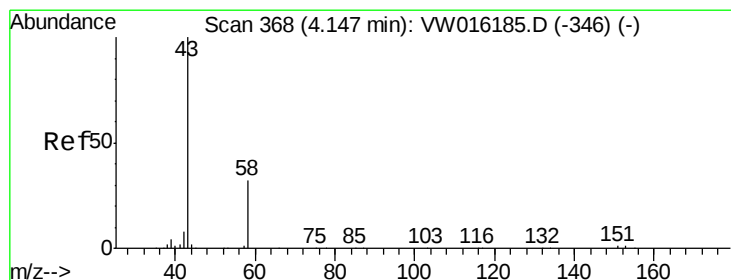
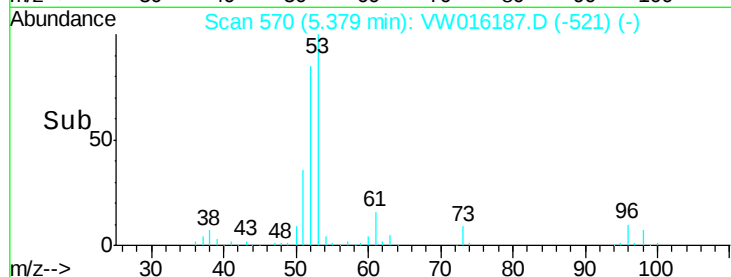
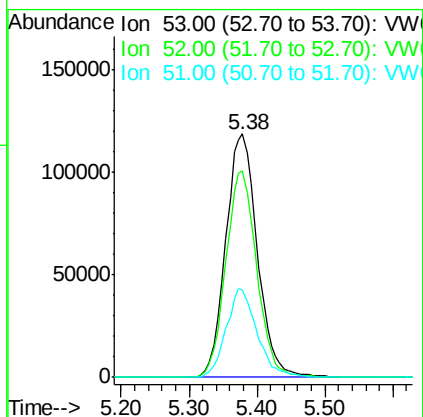
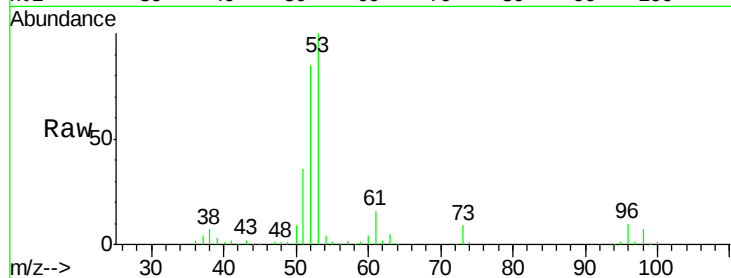
Tgt Ion: 53 Resp: 382753

Ion Ratio Lower Upper

53 100

52 82.7 65.3 97.9

51 35.8 29.0 43.4



#16

Acetone

Concen: 753.841 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016187.D

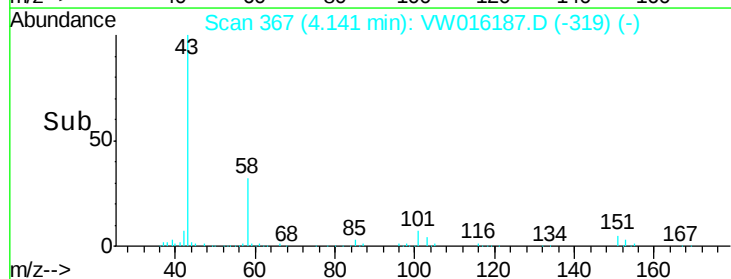
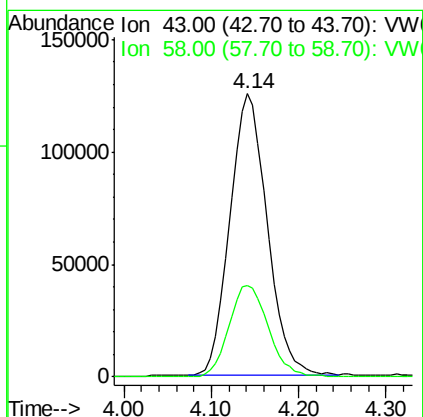
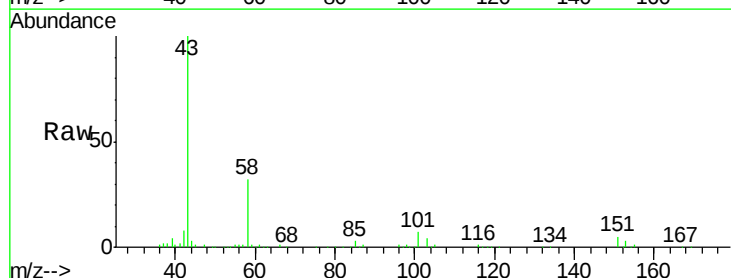
Acq: 14 Aug 2020 11:48

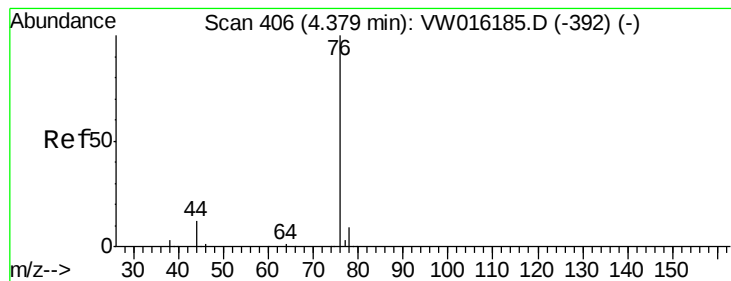
Tgt Ion: 43 Resp: 370872

Ion Ratio Lower Upper

43 100

58 32.4 25.8 38.6





#17

Carbon Disulfide

Concen: 168.166 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

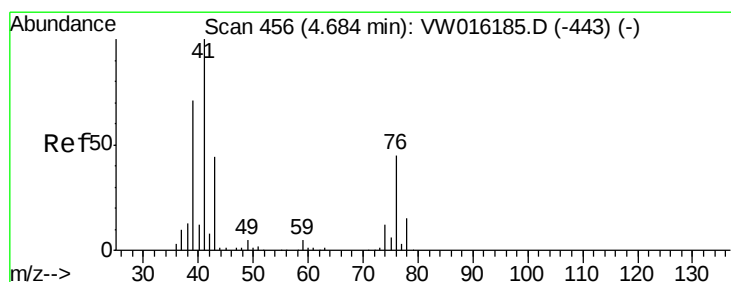
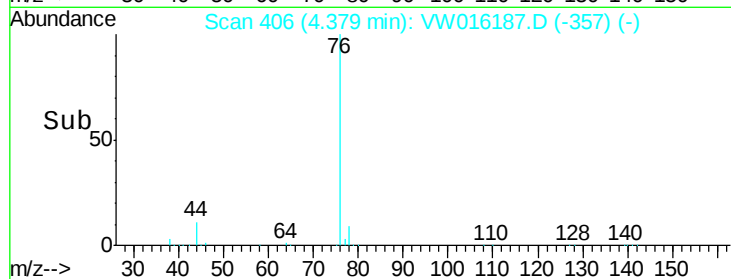
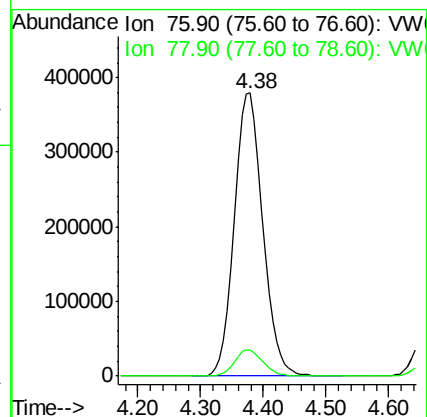
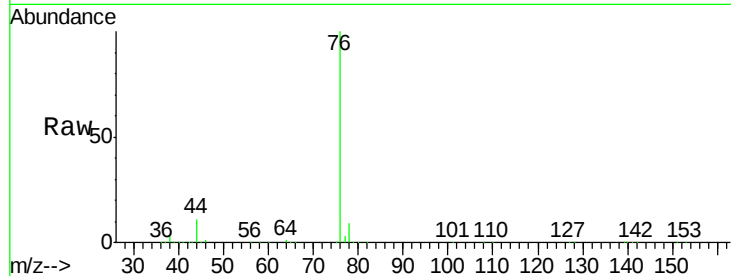
VSTDIC150

Tgt Ion: 76 Resp: 1192398

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 147.411 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW016187.D

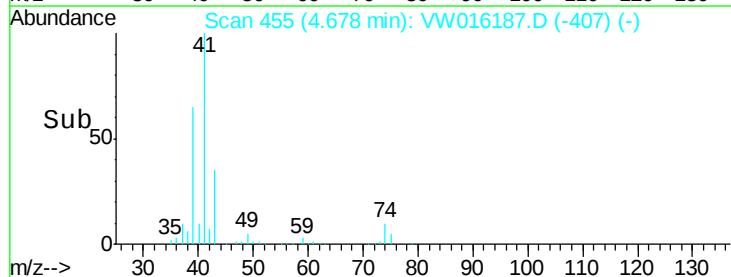
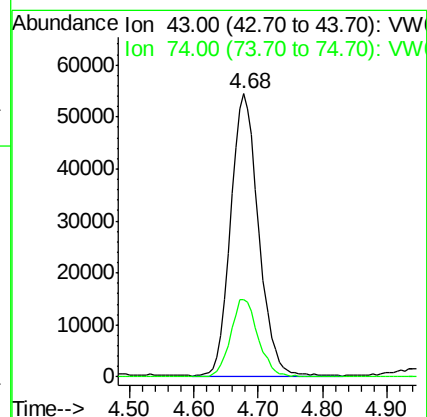
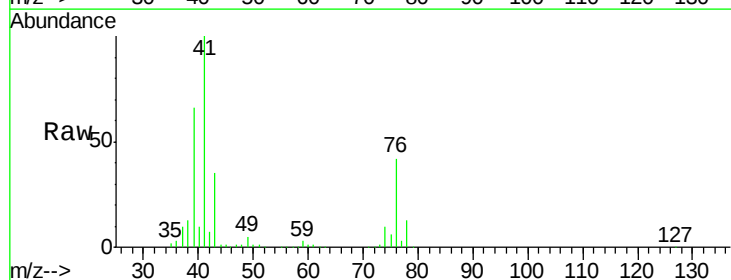
Acq: 14 Aug 2020 11:48

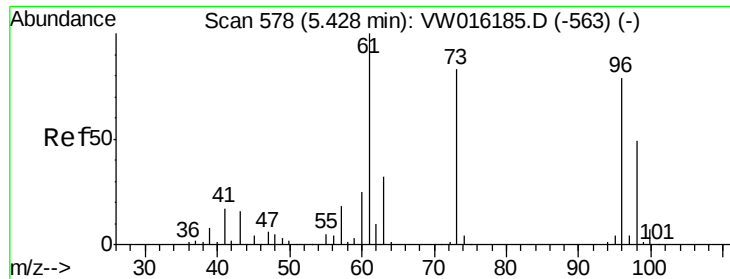
Tgt Ion: 43 Resp: 165340

Ion Ratio Lower Upper

43 100

74 27.1 20.6 31.0

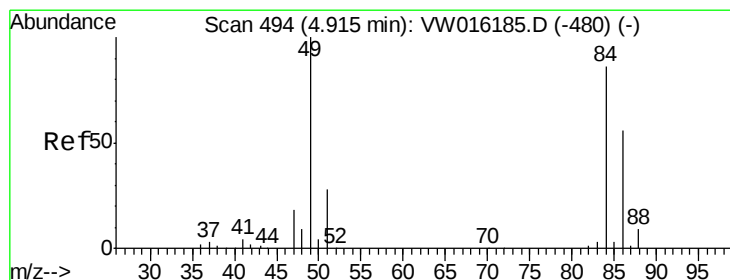
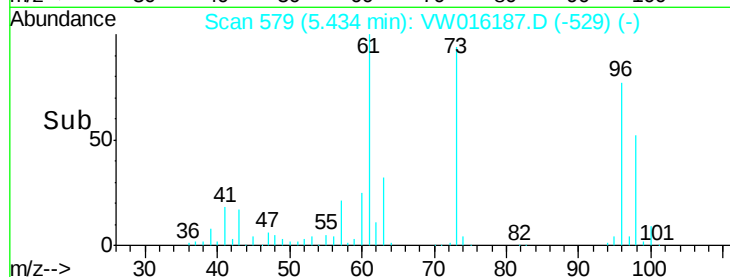
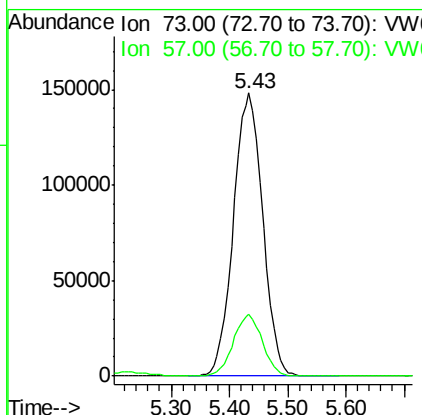
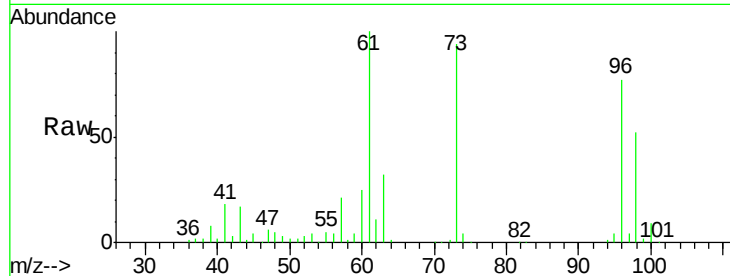




#19
Methyl tert-butyl Ether
Concen: 148.251 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

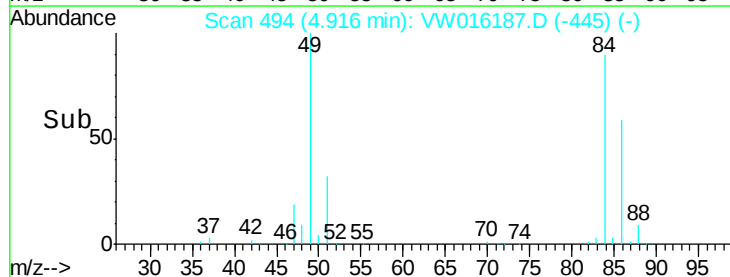
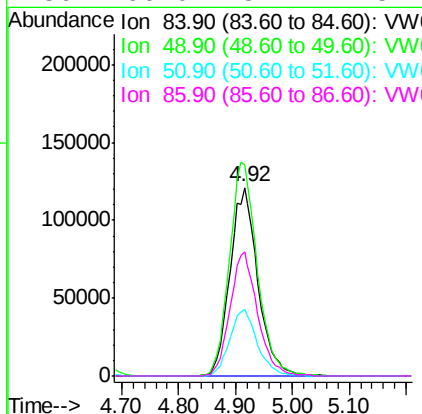
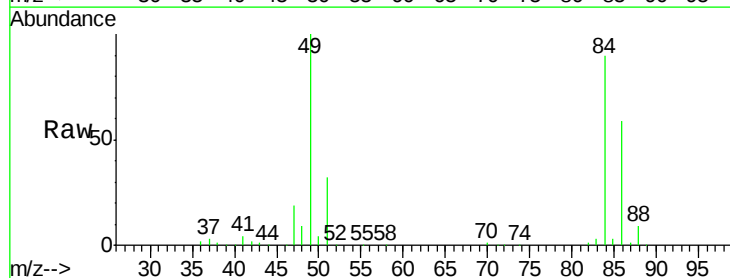
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

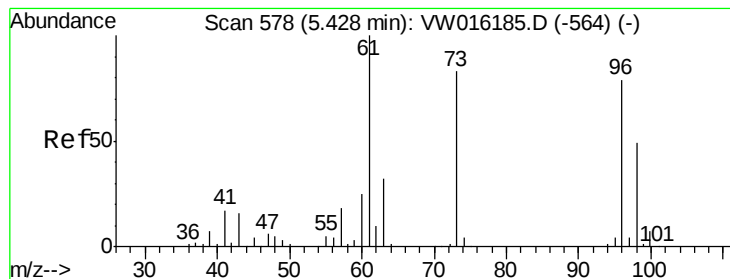
Tgt Ion: 73 Resp: 516884
Ion Ratio Lower Upper
73 100
57 21.7 17.2 25.8



#20
Methylene Chloride
Concen: 141.529 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 84 Resp: 412875
Ion Ratio Lower Upper
84 100
49 111.7 93.4 140.2
51 35.3 26.6 40.0
86 66.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 158.061 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

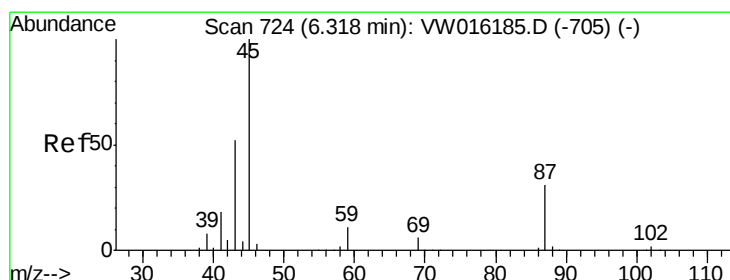
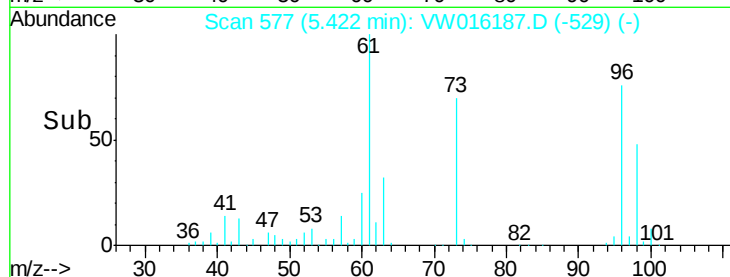
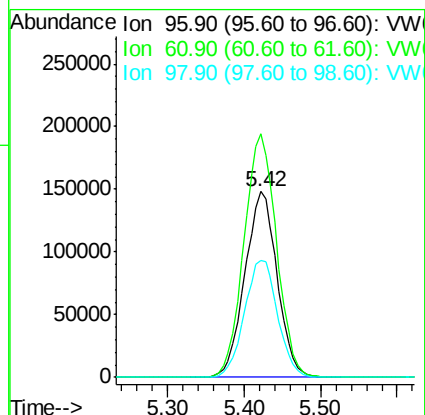
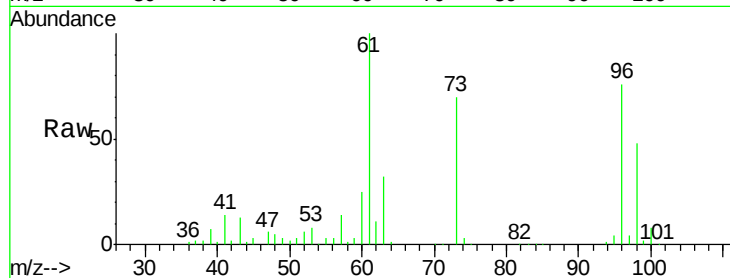
Tgt Ion: 96 Resp: 434490

Ion Ratio Lower Upper

96 100

61 131.3 101.4 152.0

98 62.9 49.4 74.0



#22

Diisopropyl ether

Concen: 138.704 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion: 45 Resp: 1043429

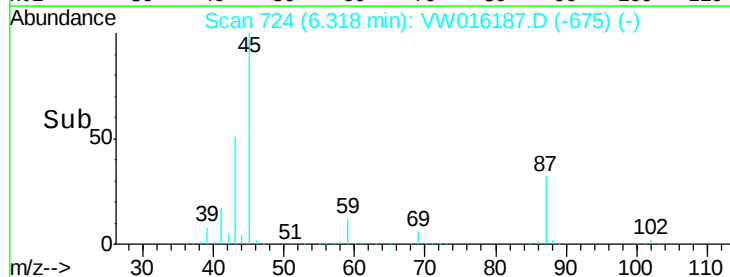
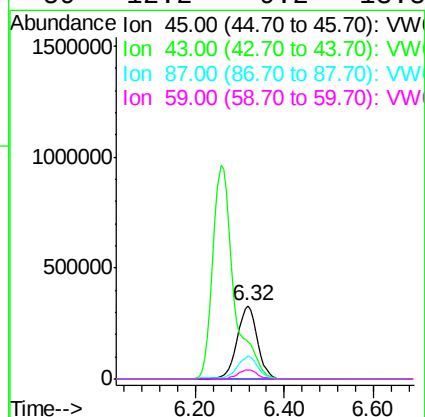
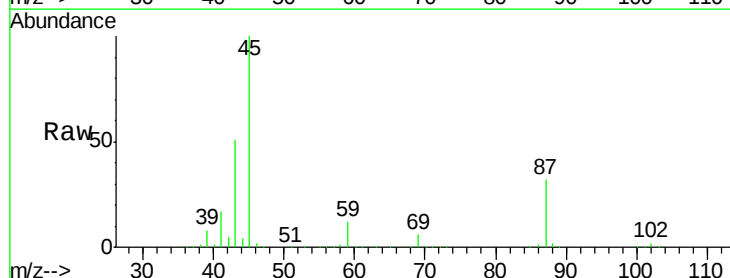
Ion Ratio Lower Upper

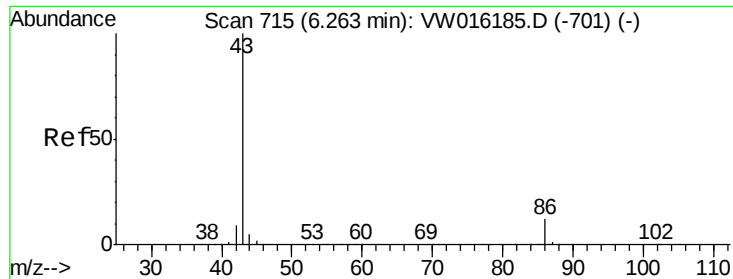
45 100

43 51.2 41.7 62.5

87 31.7 25.0 37.6

59 12.2 9.2 13.8





#23

Vinyl Acetate

Concen: 706.710 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

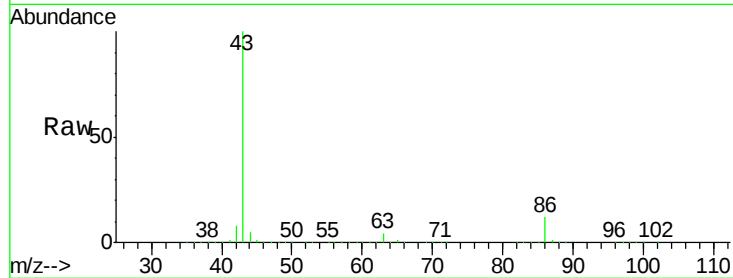
VSTDIC150

Tgt Ion: 43 Resp: 3160213

Ion Ratio Lower Upper

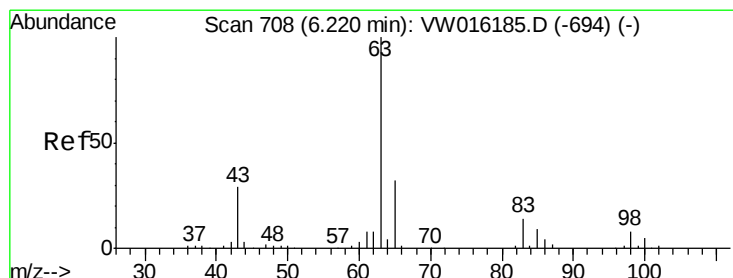
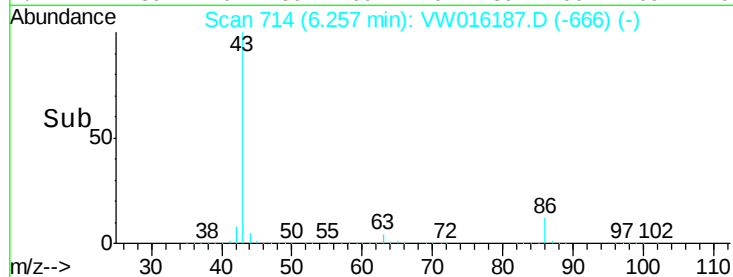
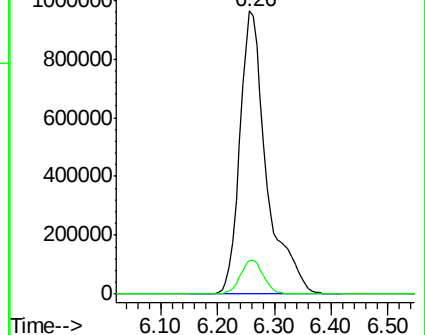
43 100

86 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 146.385 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

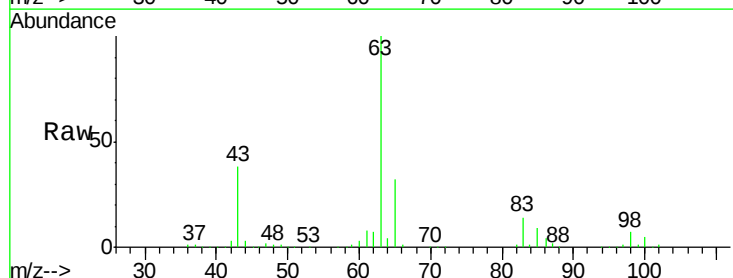
Tgt Ion: 63 Resp: 705937

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

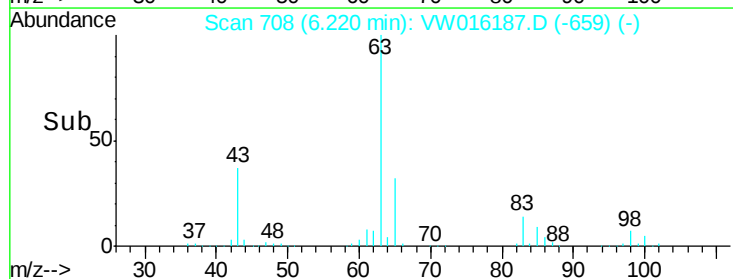
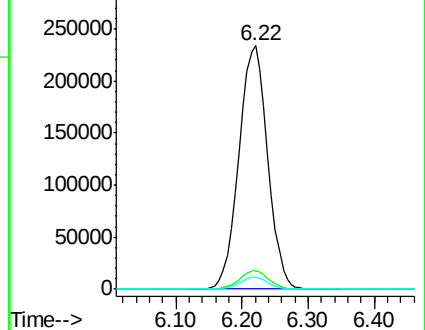
100 5.0 2.6 8.0

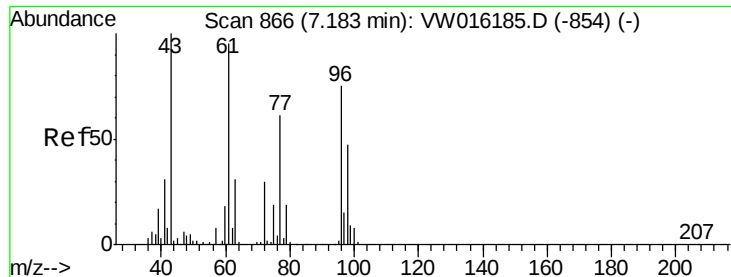


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 742.350 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

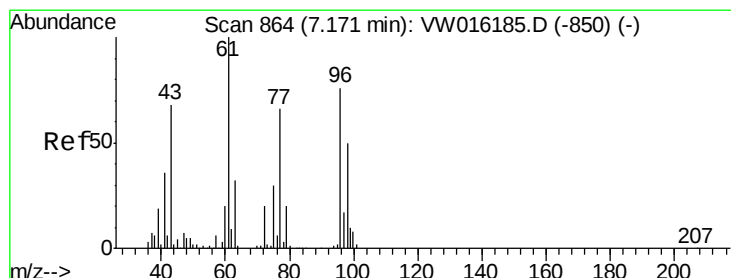
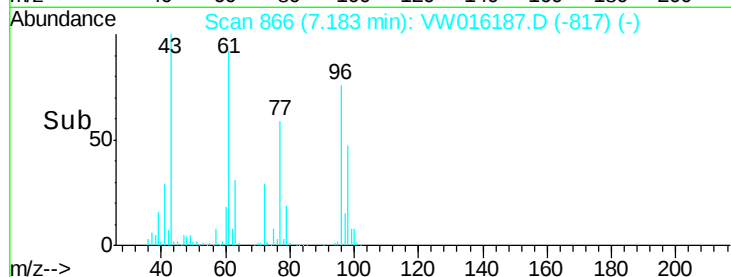
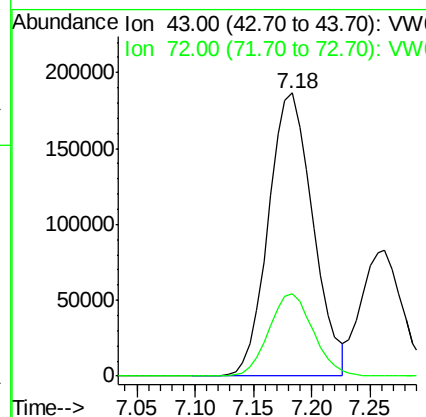
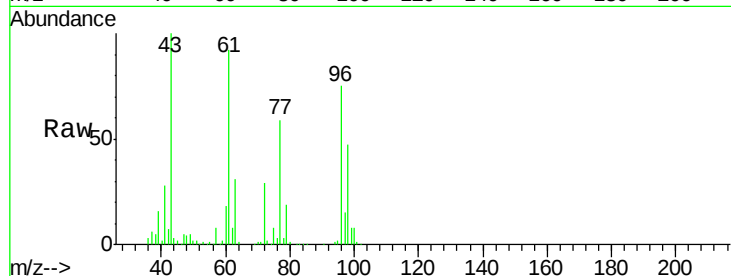
VSTDIC150

Tgt Ion: 43 Resp: 493529

Ion Ratio Lower Upper

43 100

72 29.3 24.2 36.2



#26

2,2-Dichloropropane

Concen: 139.836 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016187.D

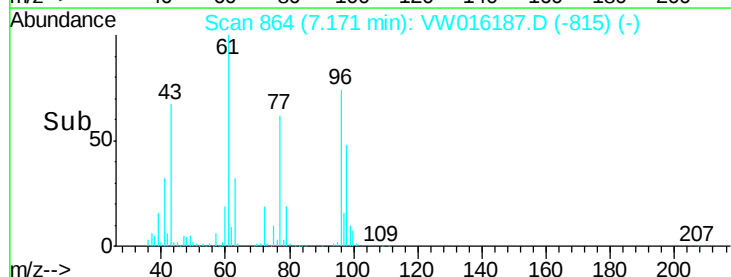
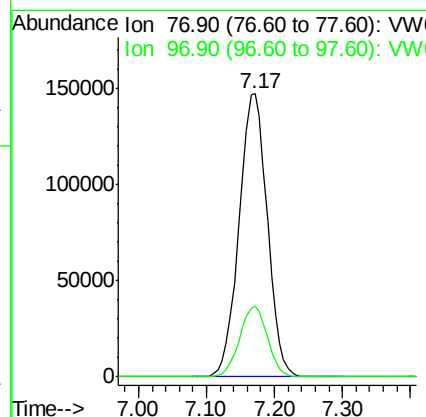
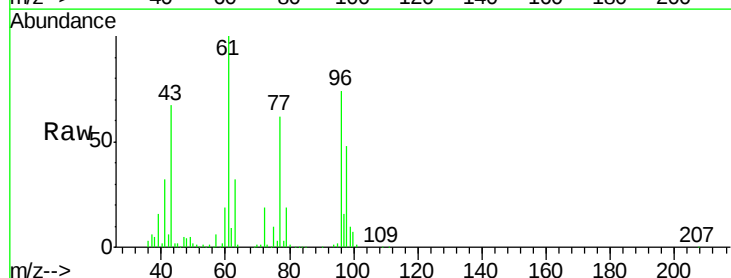
Acq: 14 Aug 2020 11:48

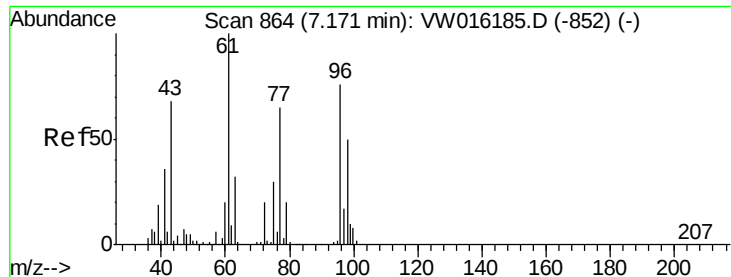
Tgt Ion: 77 Resp: 423846

Ion Ratio Lower Upper

77 100

97 24.7 12.1 36.3



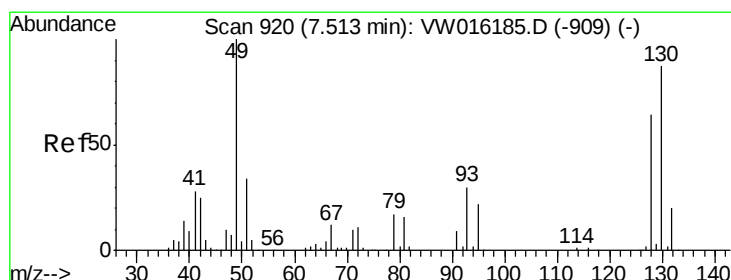
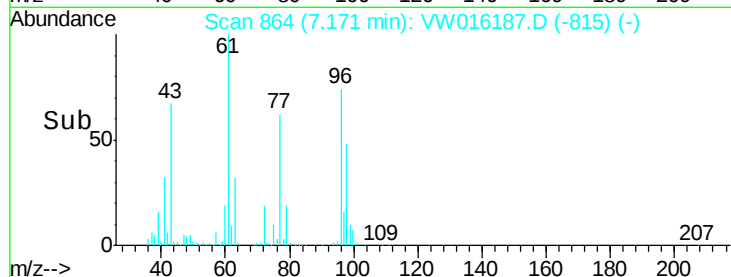
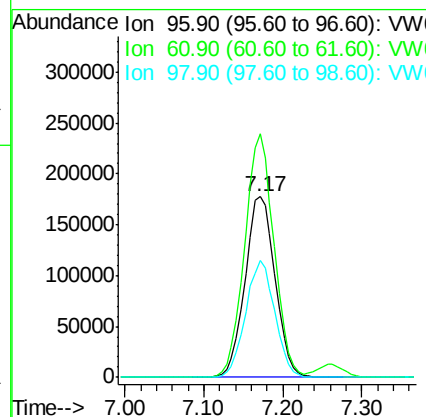
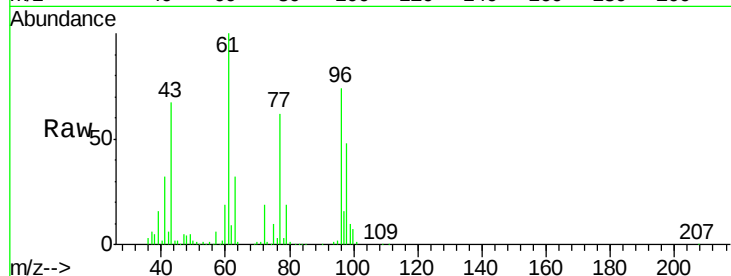


#27

cis-1,2-Dichloroethene
Concen: 160.893 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

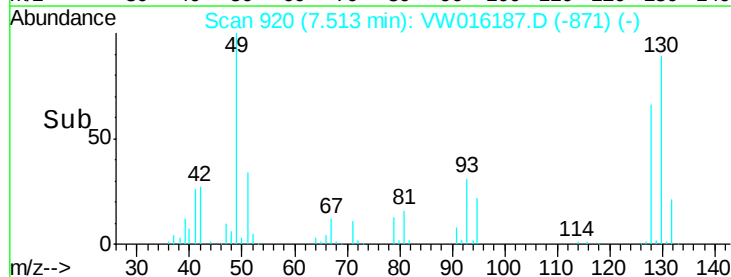
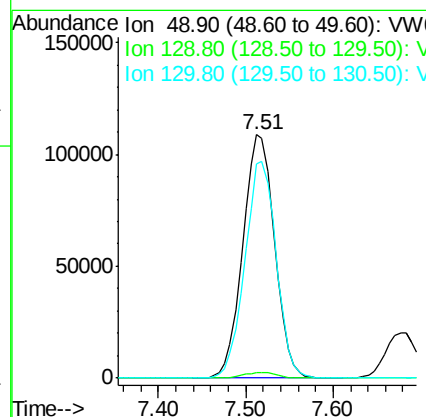
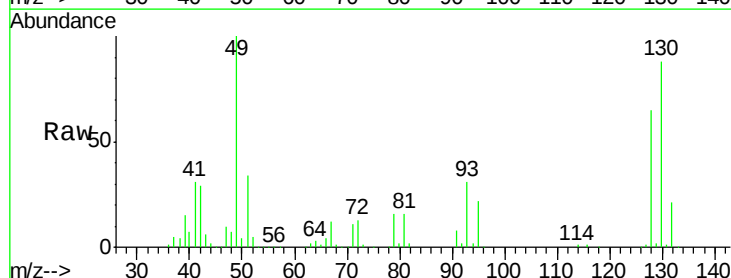
Tgt Ion: 96 Resp: 469804
Ion Ratio Lower Upper
96 100
61 131.4 0.0 267.0
98 63.0 0.0 129.6

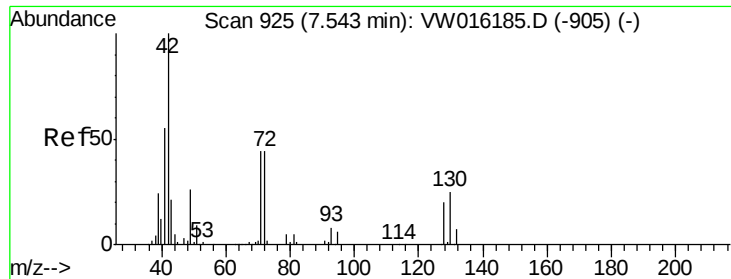


#28

Bromochloromethane
Concen: 141.228 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 49 Resp: 274205
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 87.9 69.9 104.9

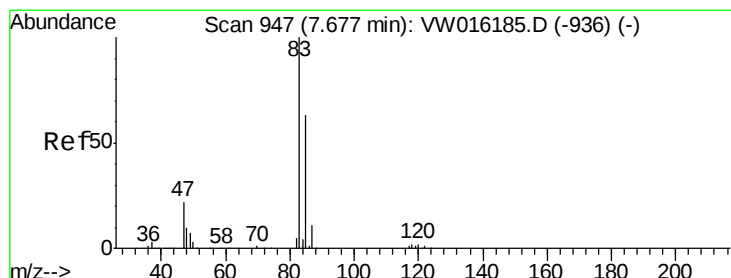
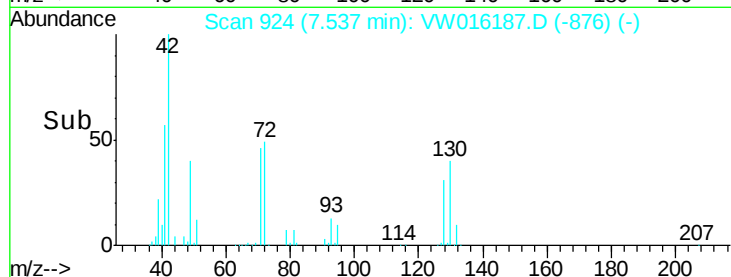
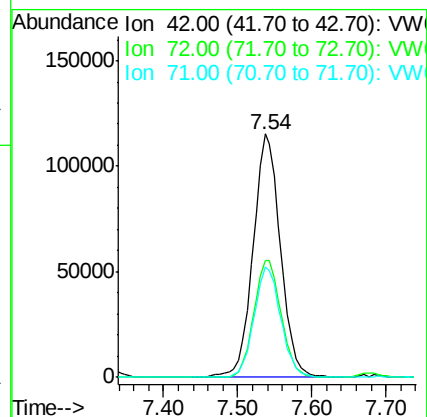
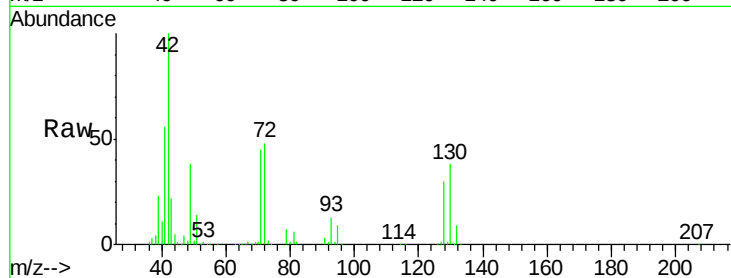




#29
Tetrahydrofuran
Concen: 734.451 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

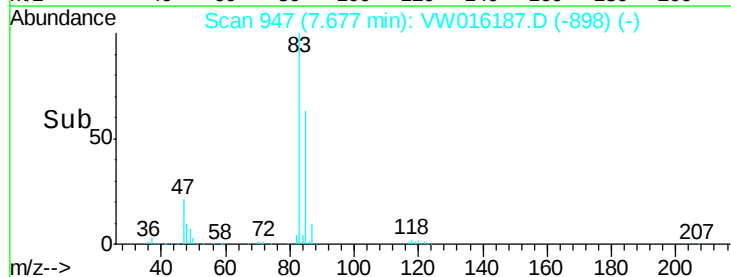
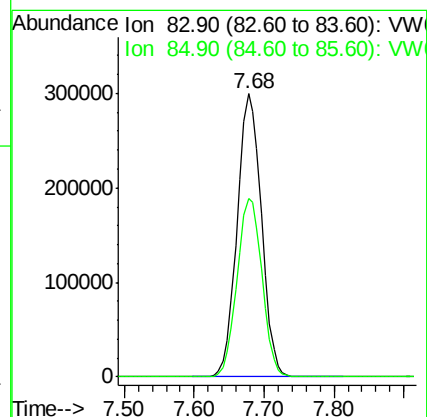
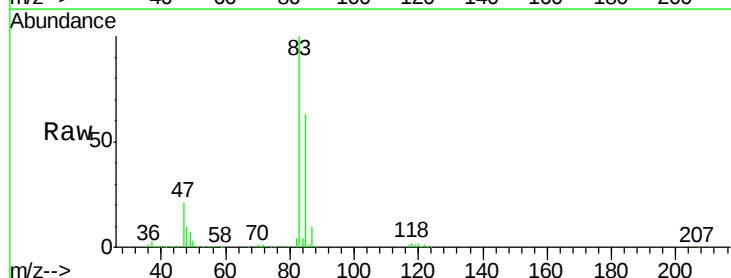
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

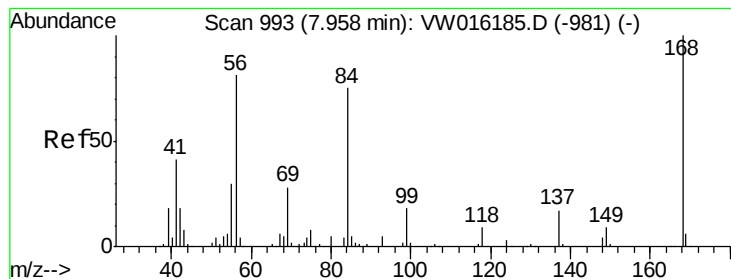
Tgt Ion: 42 Resp: 296474
Ion Ratio Lower Upper
42 100
72 48.0 37.4 56.2
71 44.3 35.6 53.4



#30
Chloroform
Concen: 145.848 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 83 Resp: 720742
Ion Ratio Lower Upper
83 100
85 63.0 50.0 75.0





#31

Cyclohexane

Concen: 137.185 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

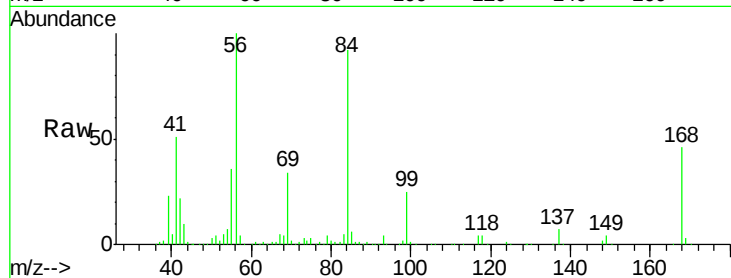
Tgt Ion: 56 Resp: 624264

Ion Ratio Lower Upper

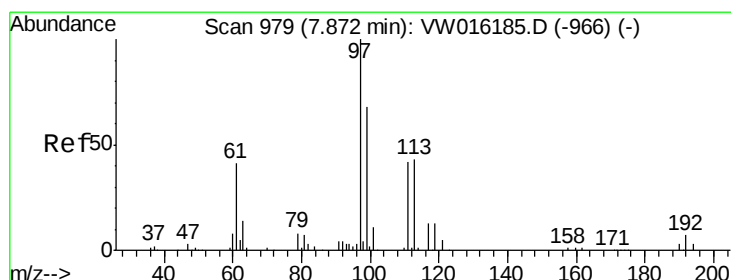
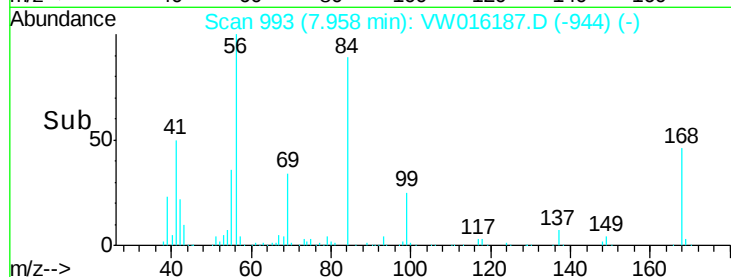
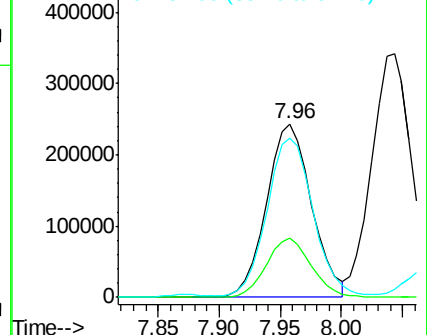
56 100

69 34.0 27.3 40.9

84 90.1 73.5 110.3



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 146.435 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

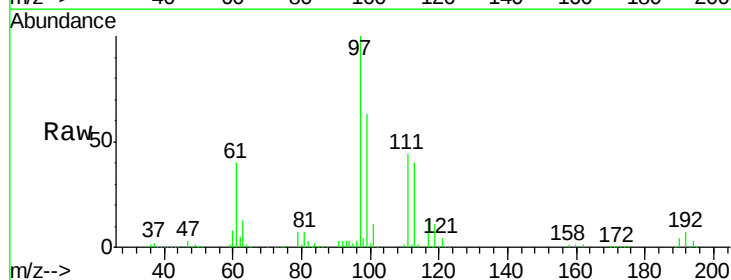
Tgt Ion: 97 Resp: 606881

Ion Ratio Lower Upper

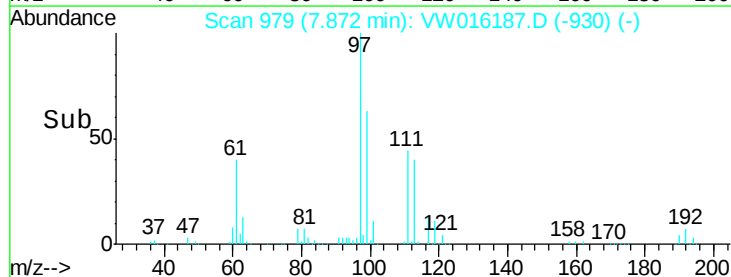
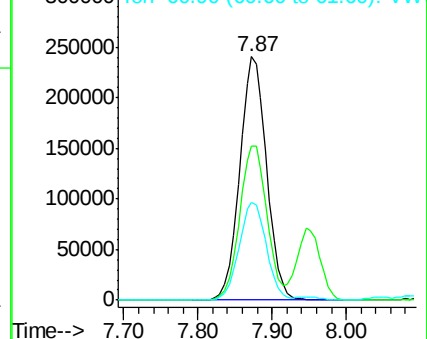
97 100

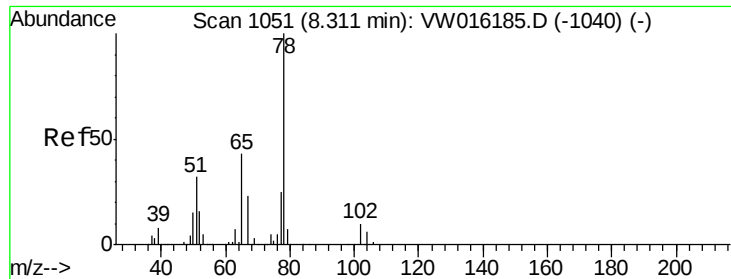
99 64.6 51.3 76.9

61 40.8 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

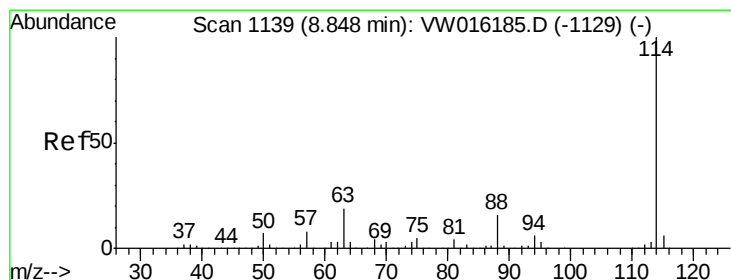
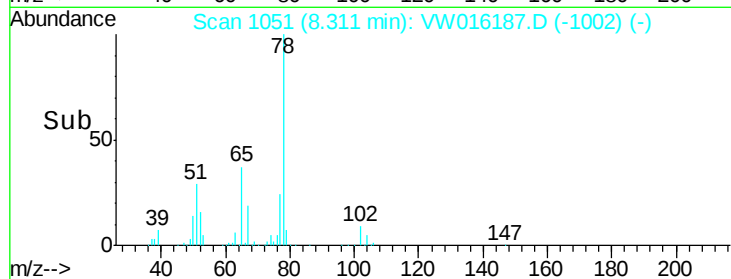
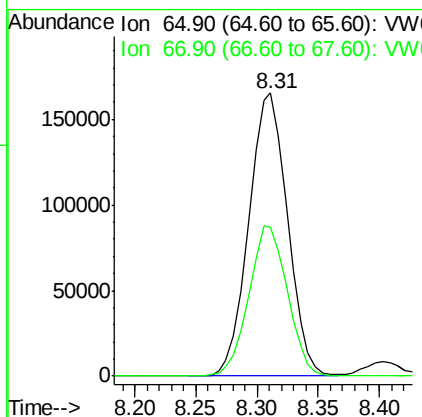
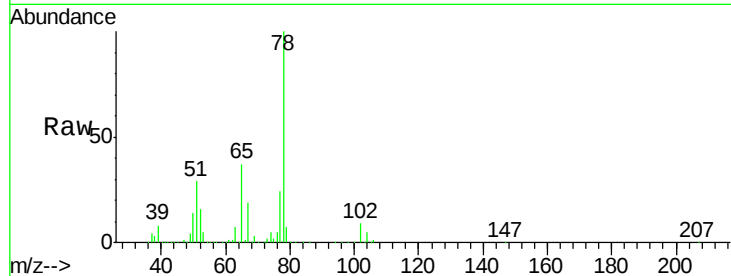




#33
 1,2-Dichloroethane-d4
 Concen: 137.113 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

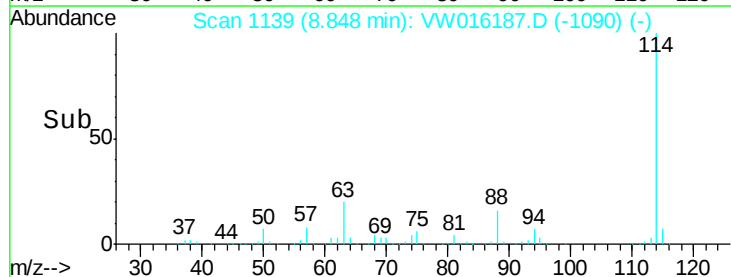
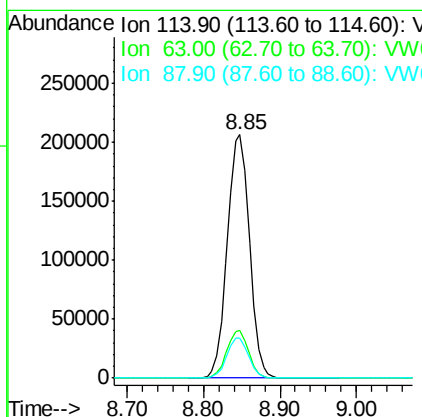
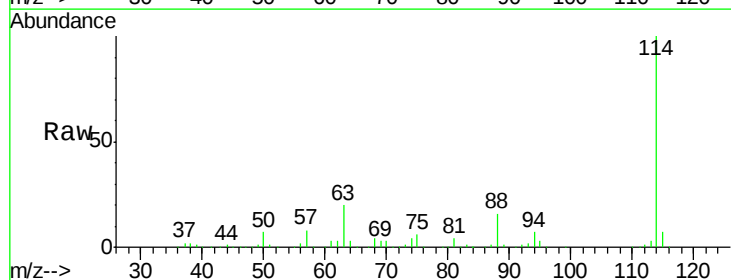
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

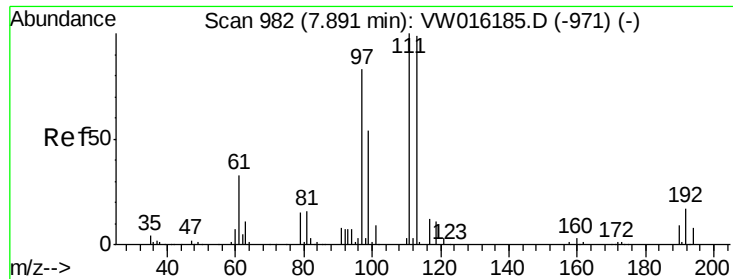
Tgt Ion: 65 Resp: 364786
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion: 114 Resp: 412656
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 152.278 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

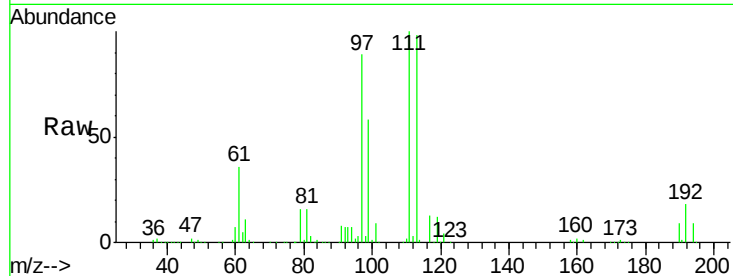
Tgt Ion:113 Resp: 376729

Ion Ratio Lower Upper

113 100

111 103.1 83.5 125.3

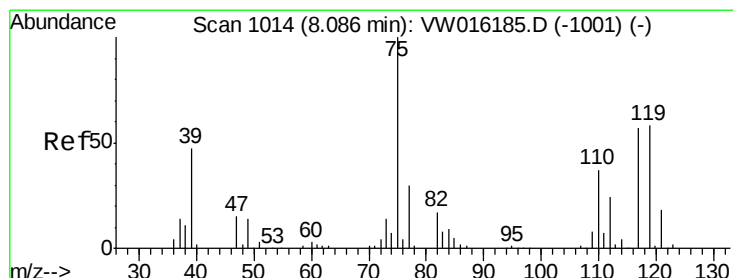
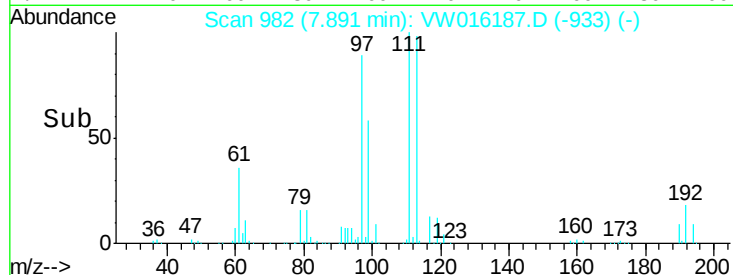
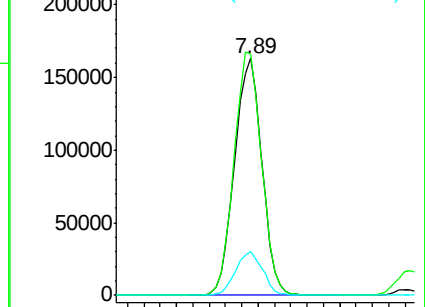
192 18.2 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 146.132 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

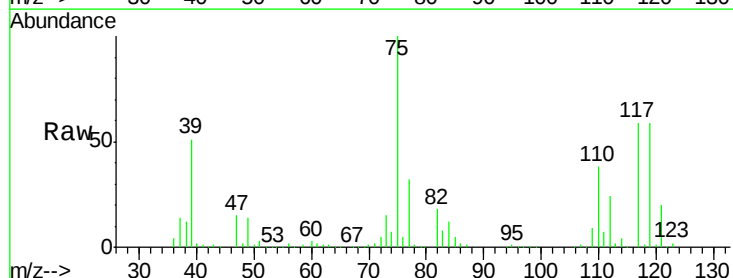
Tgt Ion: 75 Resp: 588965

Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.3

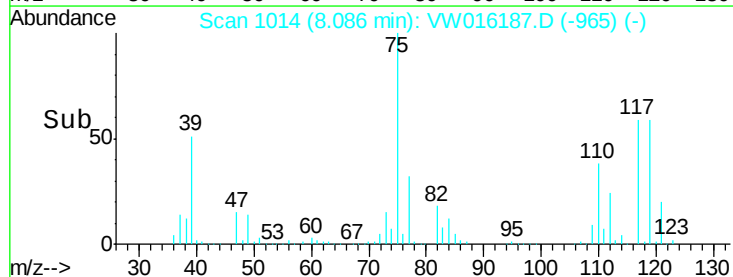
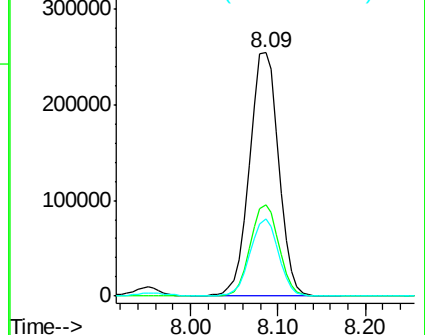
77 31.0 24.7 37.1

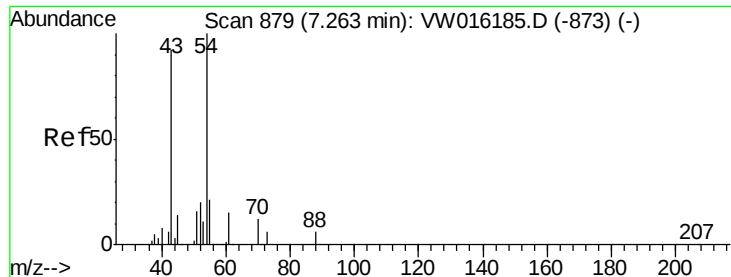


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

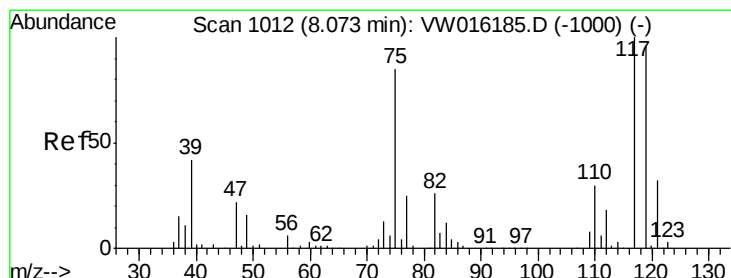
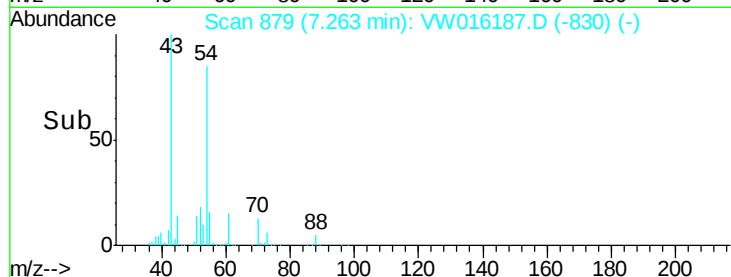
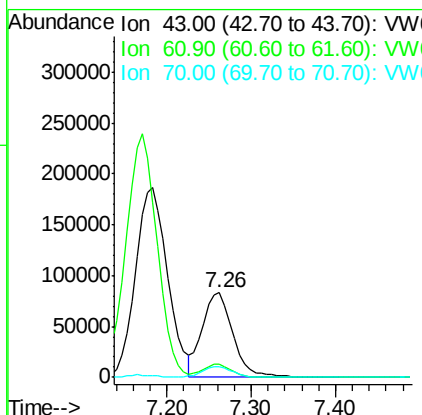
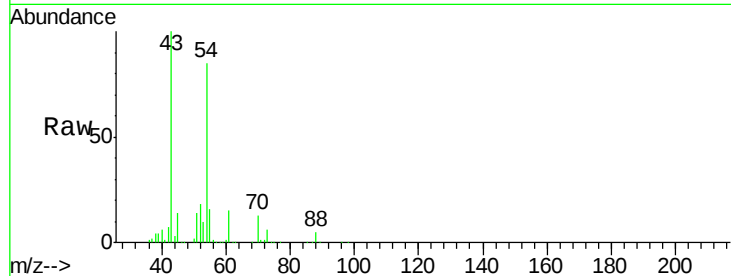




#37
Ethyl Acetate
Concen: 134.758 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

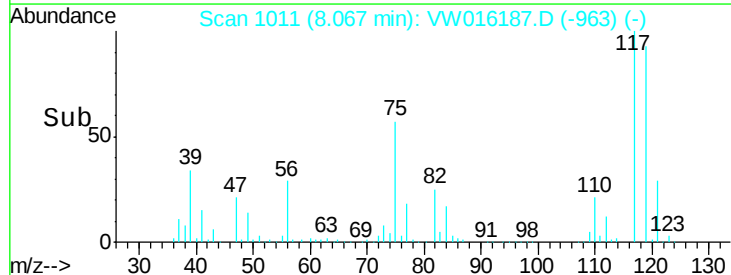
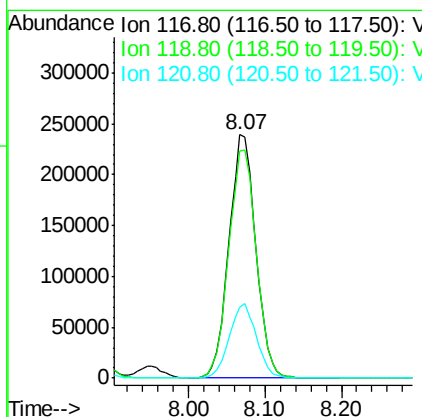
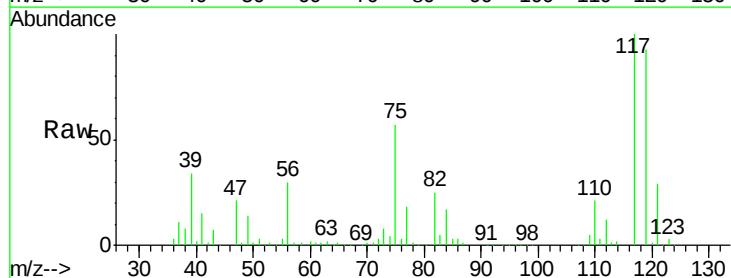
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

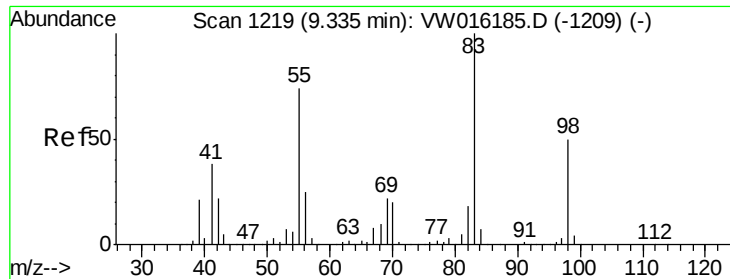
Tgt Ion: 43 Resp: 210476
Ion Ratio Lower Upper
43 100
61 15.2 12.6 18.8
70 12.7 9.8 14.8



#38
Carbon Tetrachloride
Concen: 148.408 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 117 Resp: 581564
Ion Ratio Lower Upper
117 100
119 93.3 76.6 115.0
121 29.0 25.4 38.0

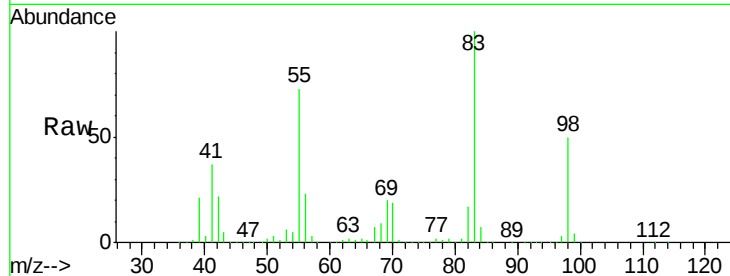




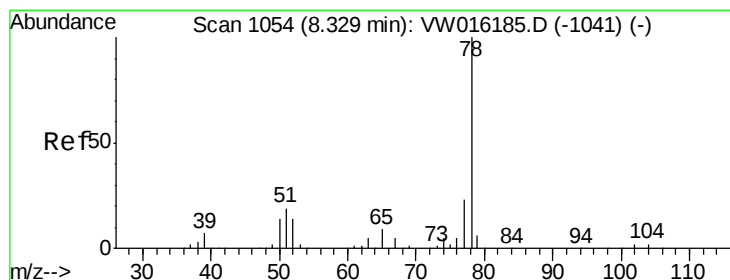
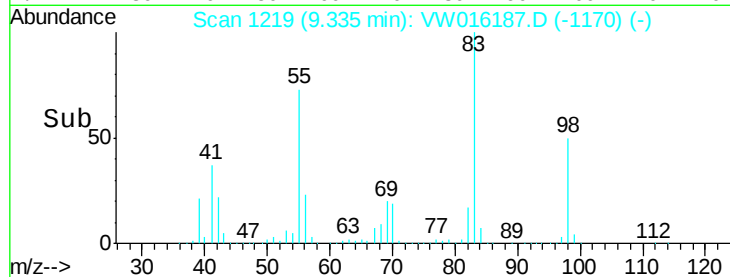
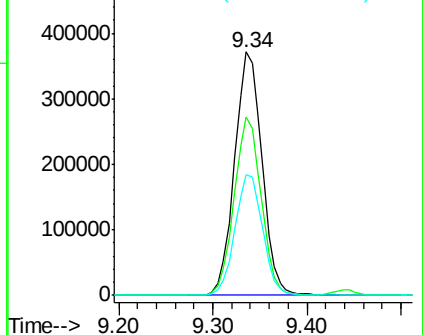
#39
Methylcyclohexane
Concen: 157.870 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 754020
Ion Ratio Lower Upper
83 100
55 73.5 59.2 88.8
98 49.6 40.2 60.2

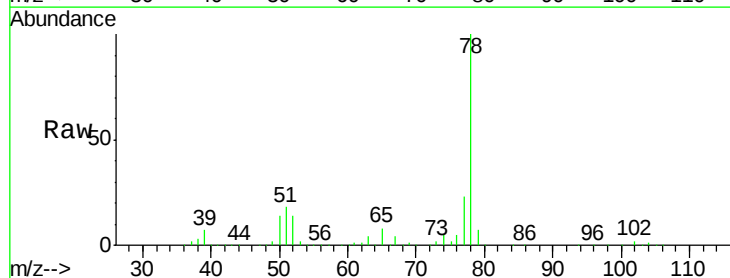


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

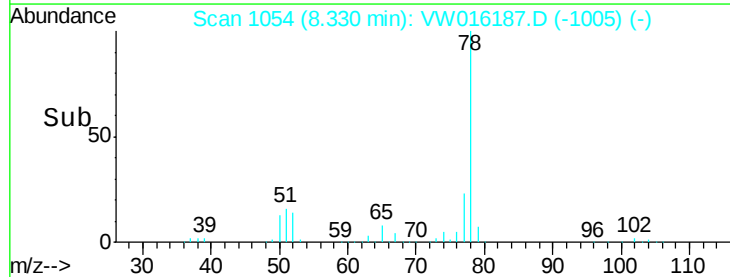
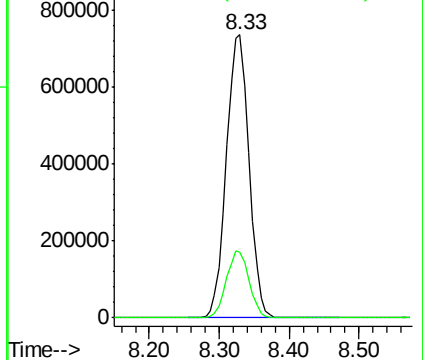


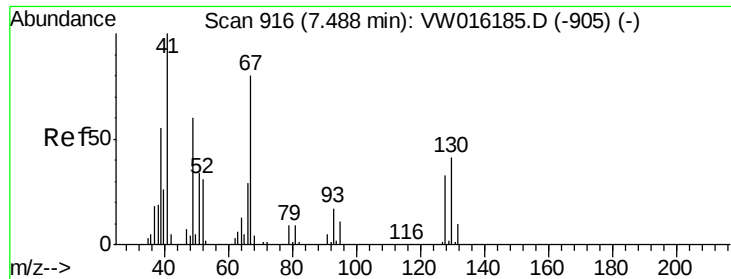
#40
Benzene
Concen: 149.059 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 78 Resp: 1653614
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

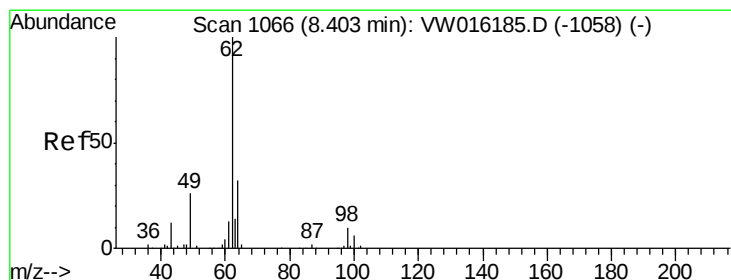
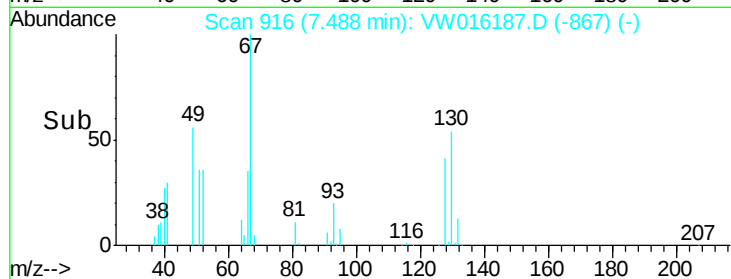
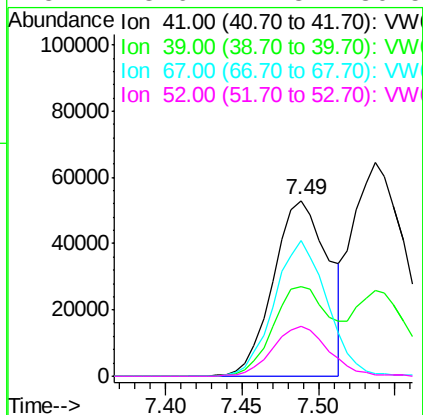
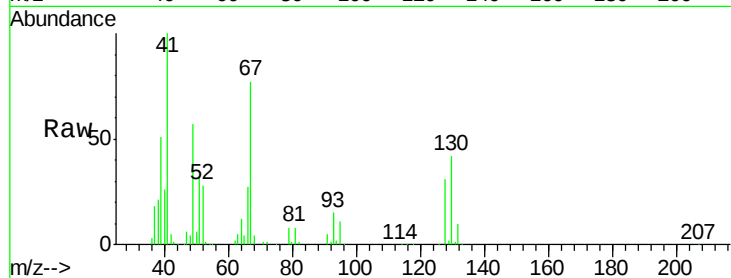




#41
Methacrylonitrile
Concen: 150.096 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

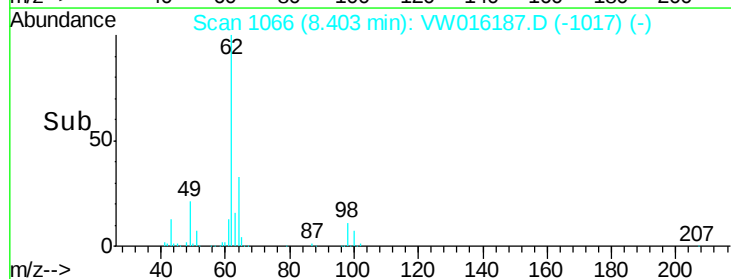
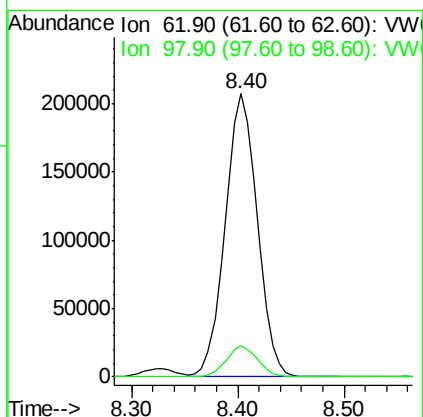
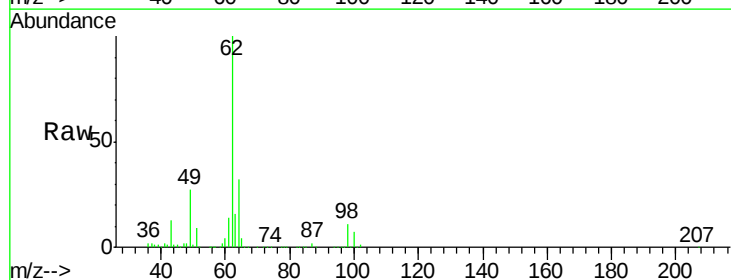
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

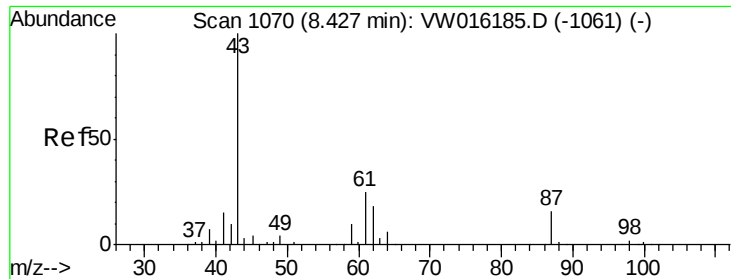
Tgt Ion:	41	Resp:	132923
Ion	Ratio	Lower	Upper
41	100		
39	51.7	43.4	65.2
67	74.2	61.5	92.3
52	28.6	24.3	36.5



#42
1,2-Dichloroethane
Concen: 129.892 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion:	62	Resp:	438511
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.8





#43

Isopropyl Acetate

Concen: 137.730 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

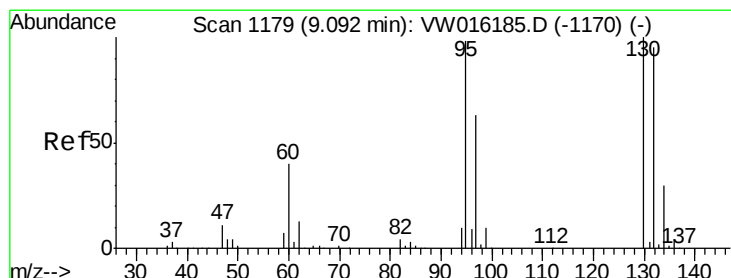
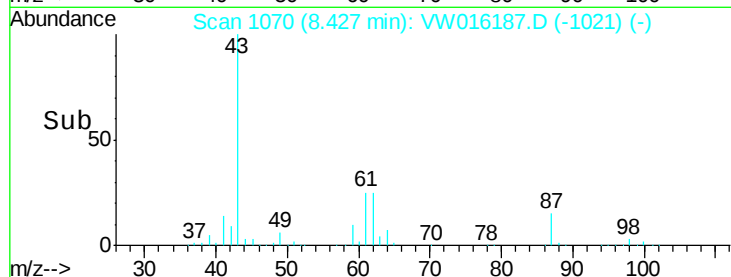
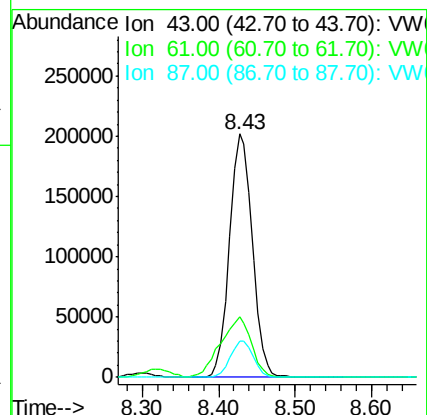
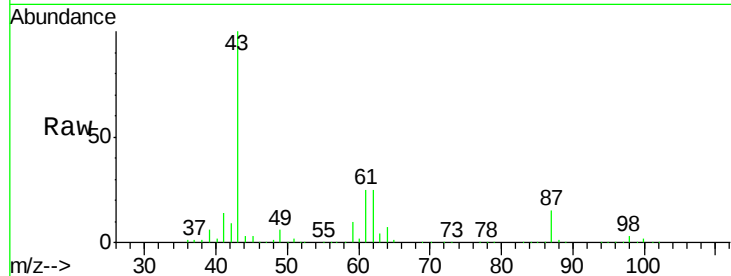
Tgt Ion: 43 Resp: 415253

Ion Ratio Lower Upper

43 100

61 33.4 26.9 40.3

87 15.1 12.0 18.0



#44

Trichloroethene

Concen: 155.271 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW016187.D

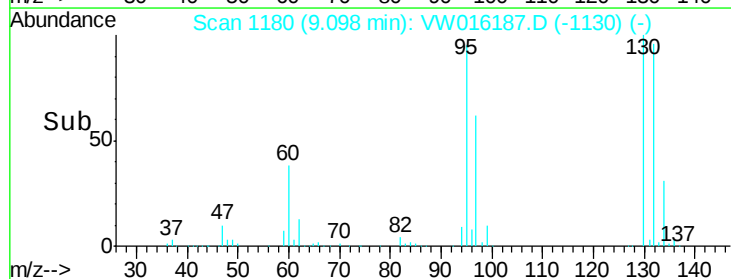
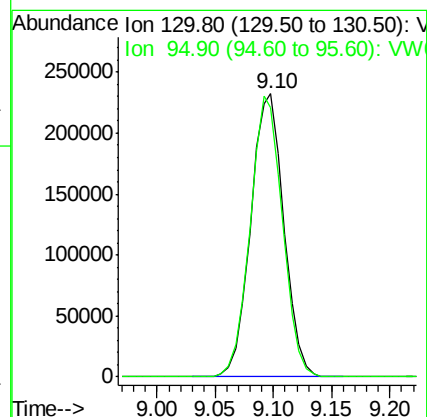
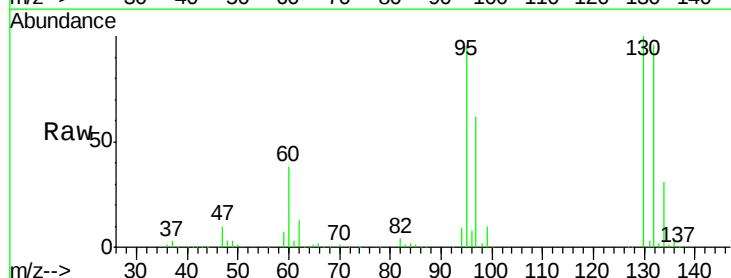
Acq: 14 Aug 2020 11:48

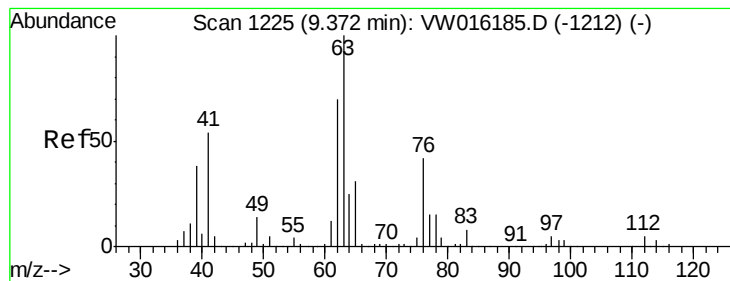
Tgt Ion: 130 Resp: 459093

Ion Ratio Lower Upper

130 100

95 95.3 0.0 196.4





#45

1,2-Dichloropropane

Concen: 145.382 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

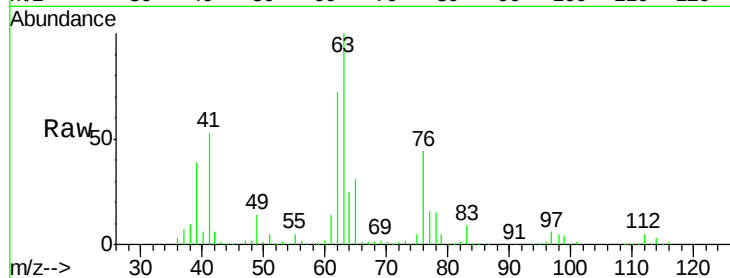
VSTDIC150

Tgt Ion: 63 Resp: 394560

Ion Ratio Lower Upper

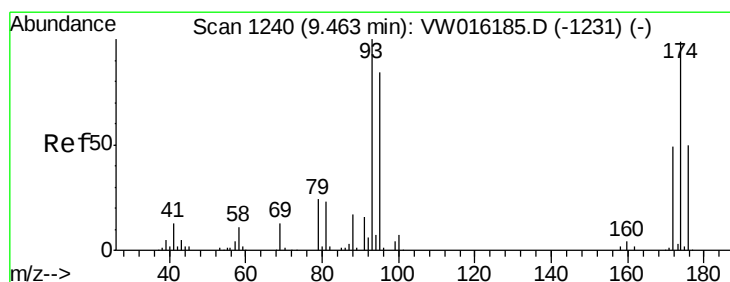
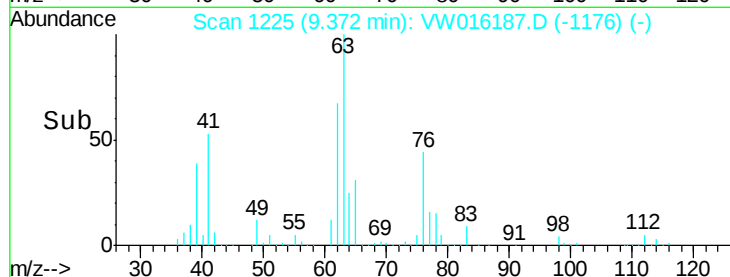
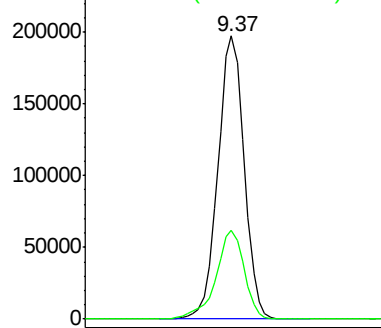
63 100

65 31.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 148.653 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

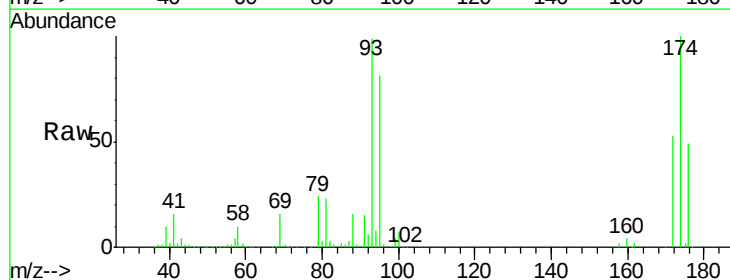
Tgt Ion: 93 Resp: 208980

Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

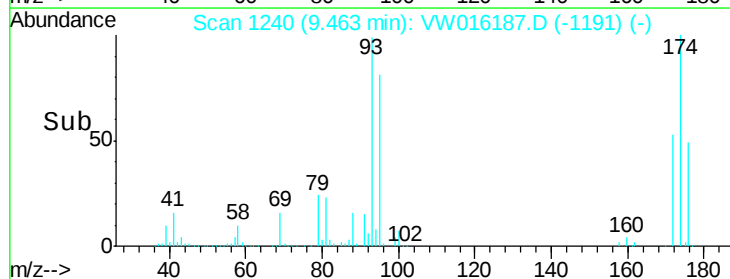
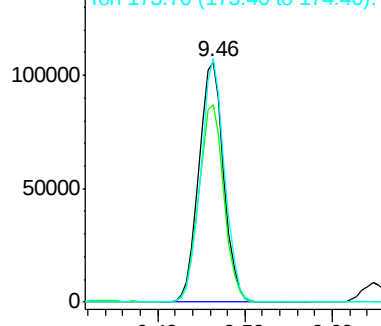
174 97.4 77.0 115.6

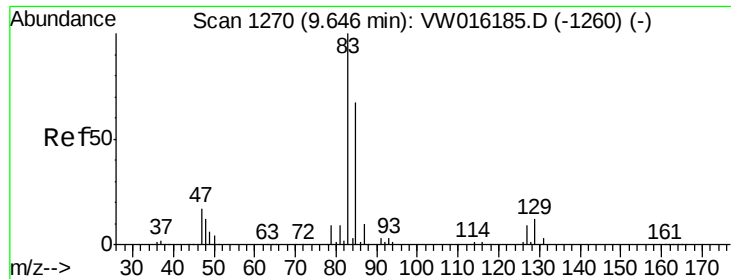


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 150.336 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

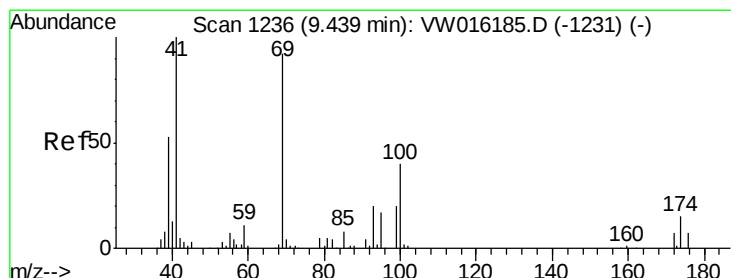
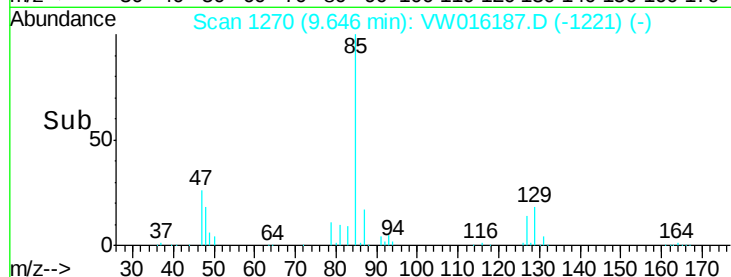
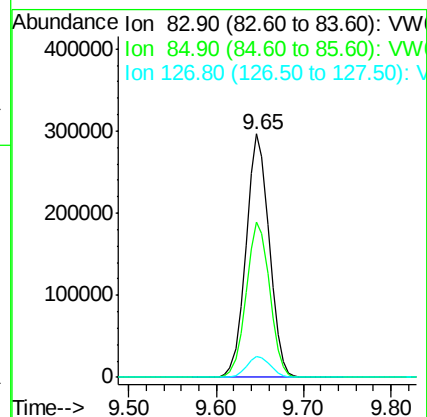
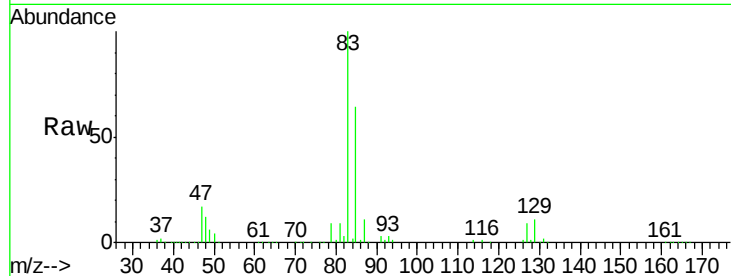
Tgt Ion: 83 Resp: 543427

Ion Ratio Lower Upper

83 100

85 63.5 53.3 79.9

127 8.6 7.4 11.2



#48

Methyl methacrylate

Concen: 144.797 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

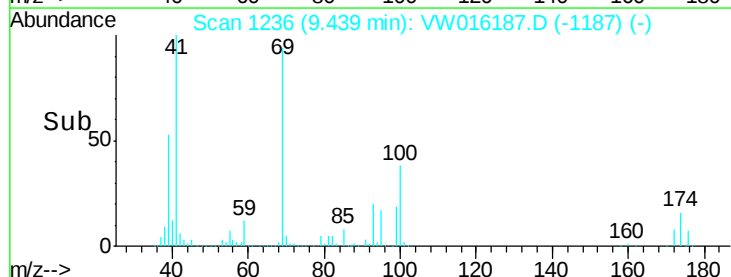
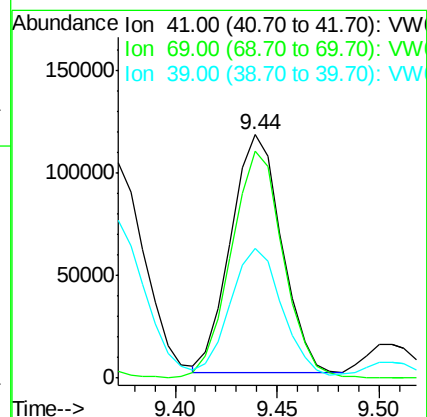
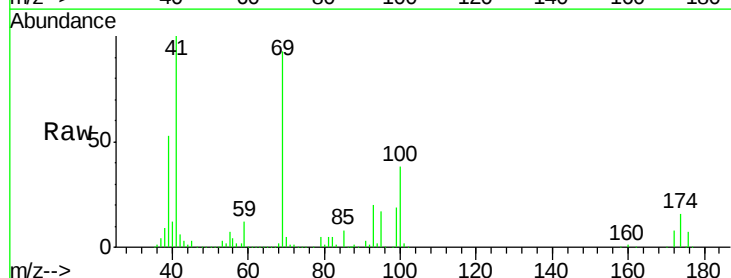
Tgt Ion: 41 Resp: 199497

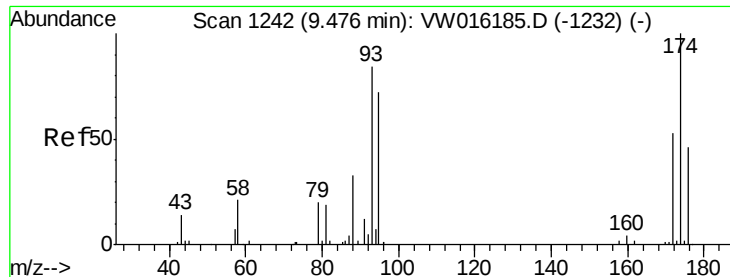
Ion Ratio Lower Upper

41 100

69 98.8 77.4 116.0

39 53.5 42.2 63.2

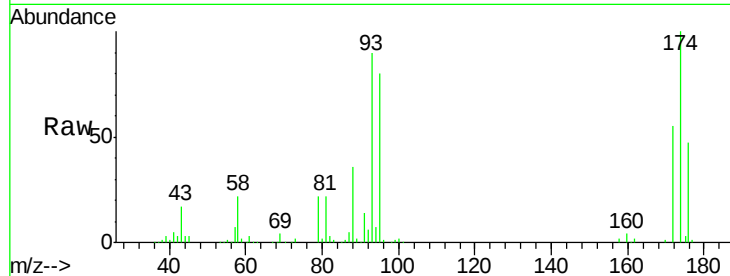




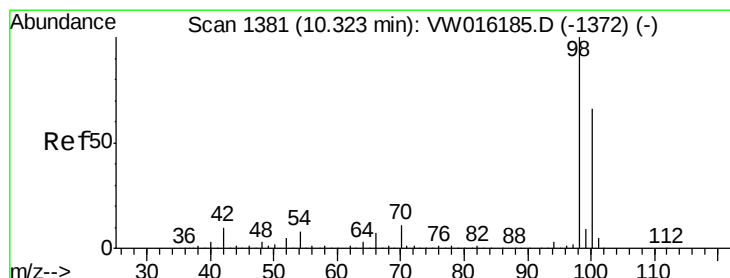
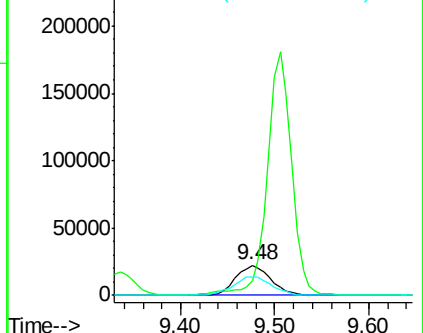
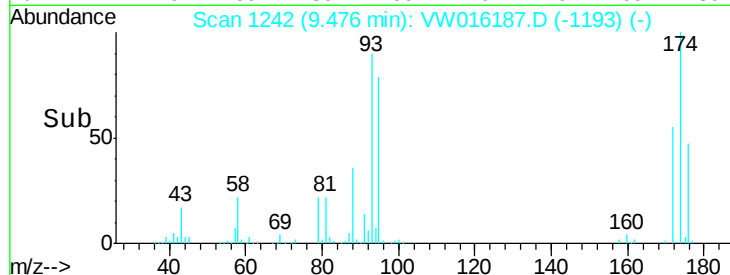
#49
 1,4-Dioxane
 Concen: 3276.211 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 57725
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 69.8 56.6 84.8

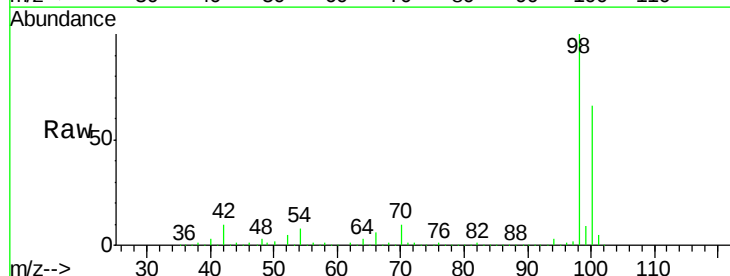


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

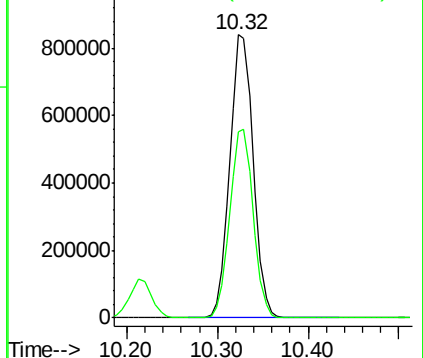
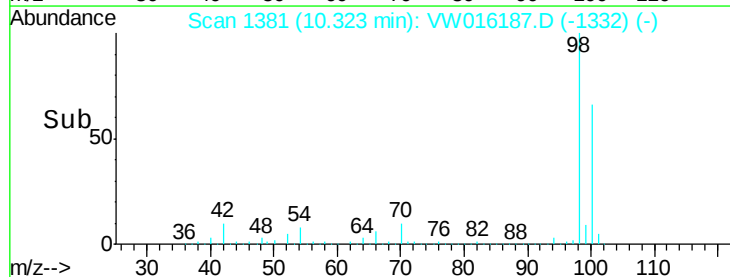


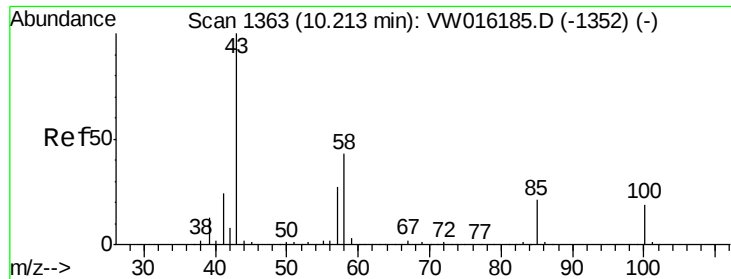
#50
 Toluene-d8
 Concen: 157.447 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion: 98 Resp: 1498878
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 697.883 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

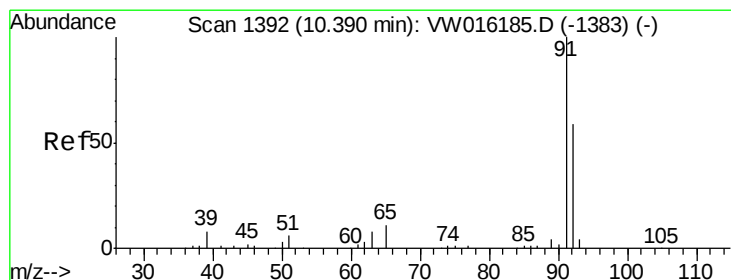
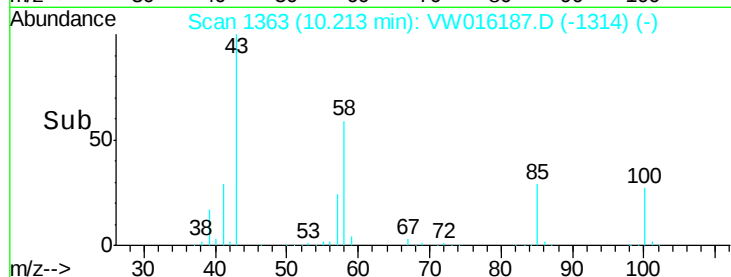
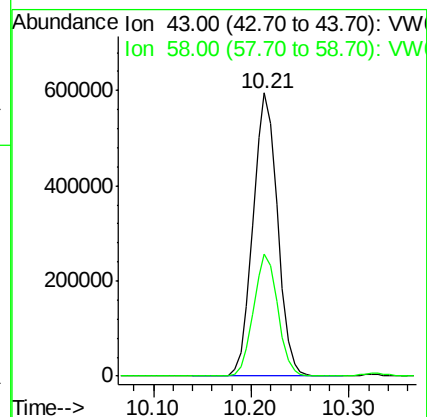
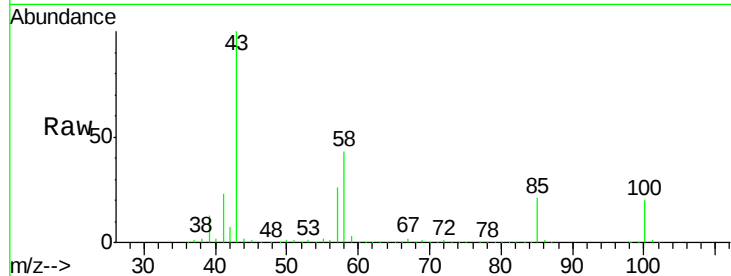
VSTDIC150

Tgt Ion: 43 Resp: 1030896

Ion Ratio Lower Upper

43 100

58 42.6 33.7 50.5



#52

Toluene

Concen: 148.383 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016187.D

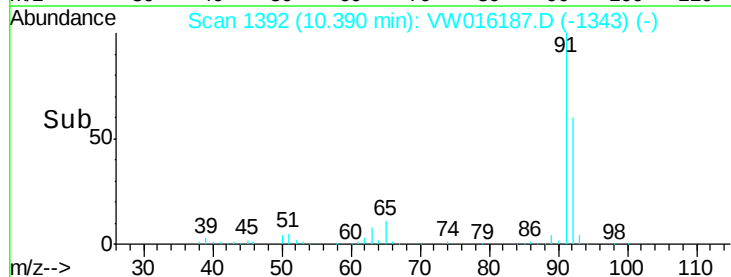
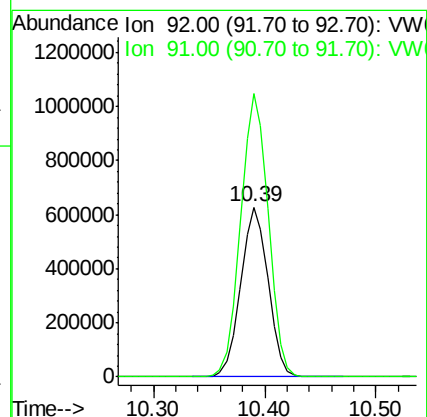
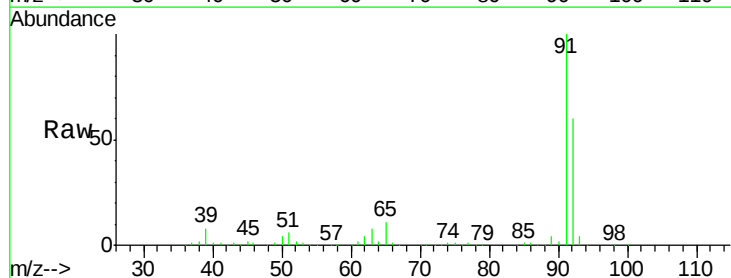
Acq: 14 Aug 2020 11:48

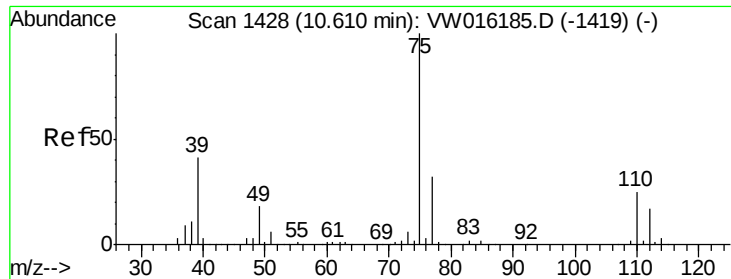
Tgt Ion: 92 Resp: 1061194

Ion Ratio Lower Upper

92 100

91 169.2 133.3 199.9

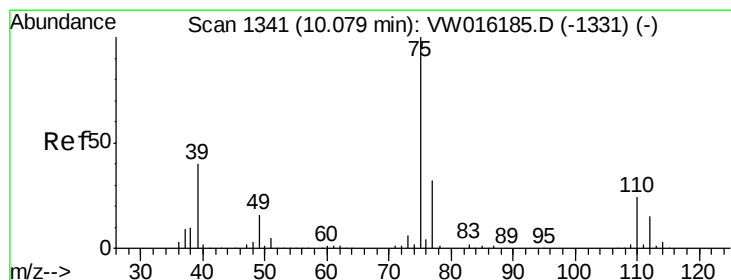
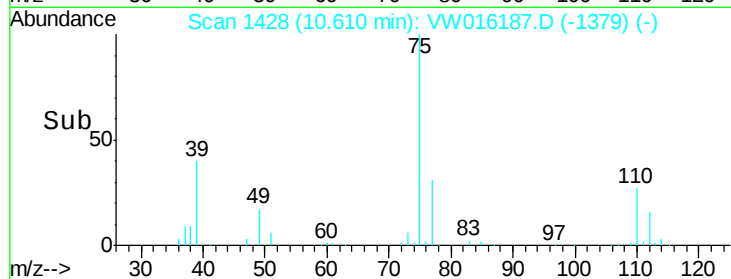
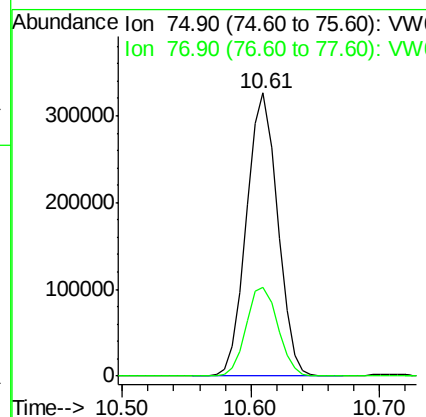
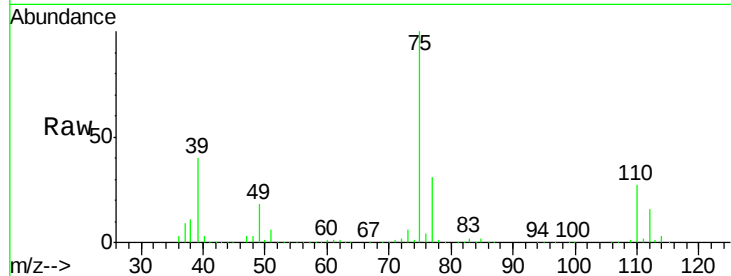




#53
 t-1,3-Dichloropropene
 Concen: 157.542 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

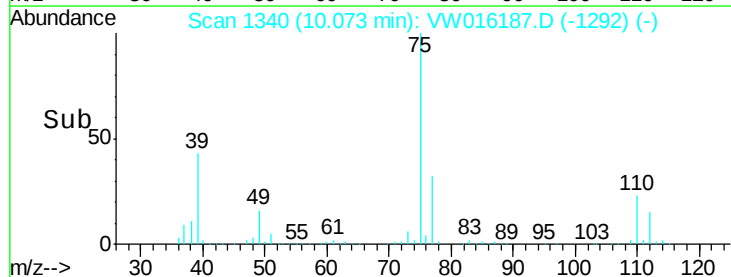
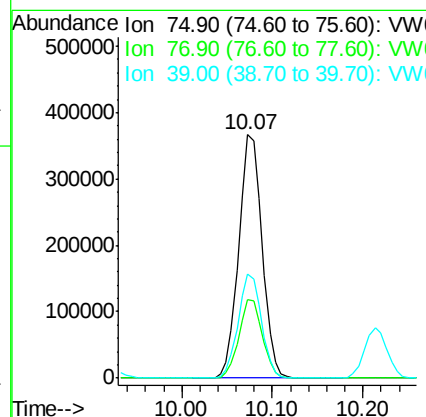
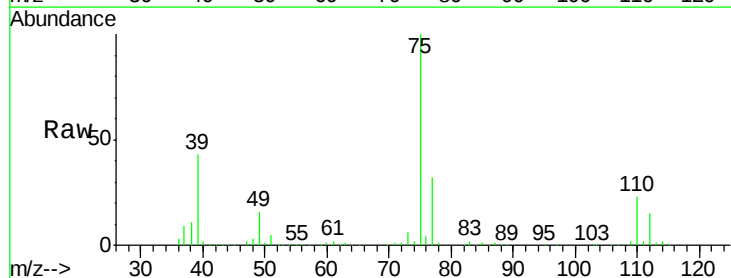
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

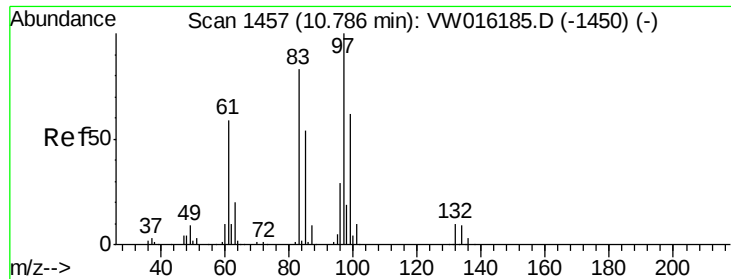
Tgt Ion: 75 Resp: 544849
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 157.417 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion: 75 Resp: 655531
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 42.6 32.3 48.5

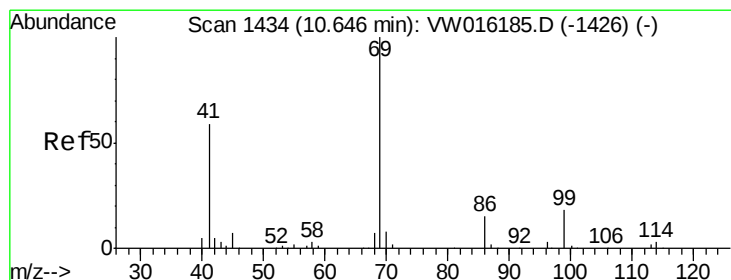
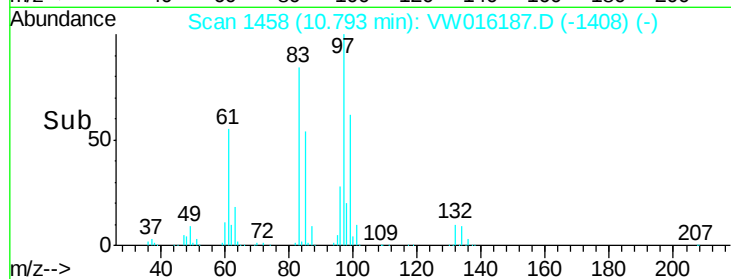
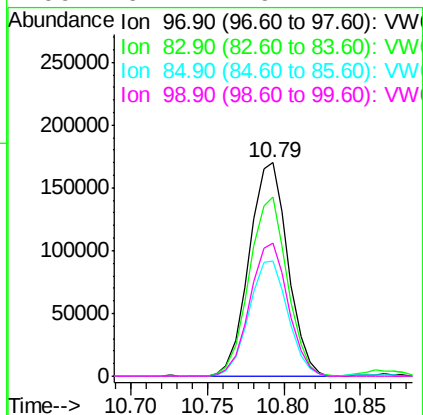
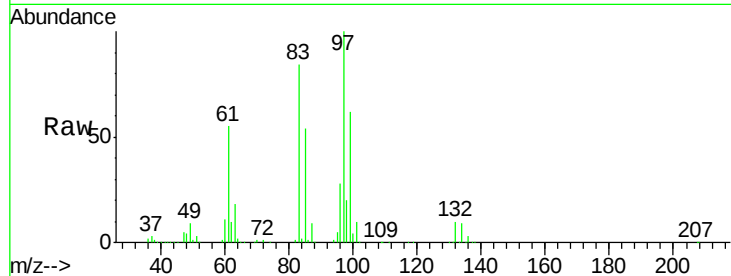




#55
 1,1,2-Trichloroethane
 Concen: 153.480 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

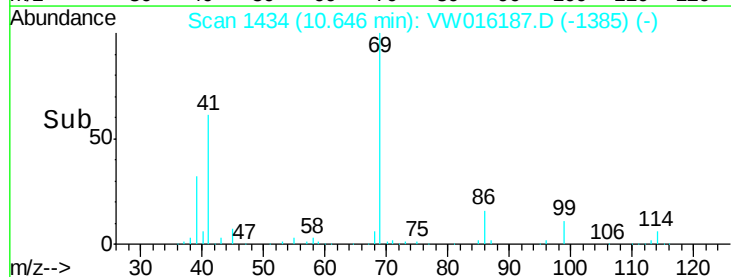
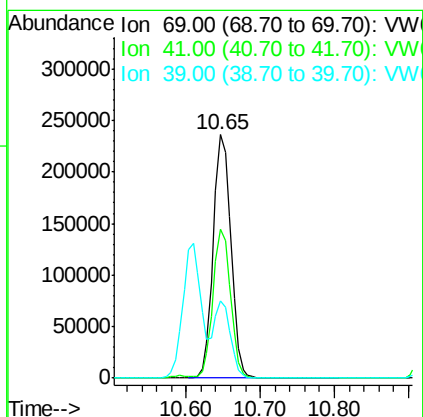
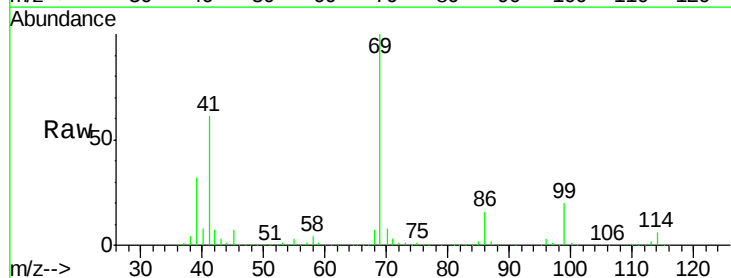
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

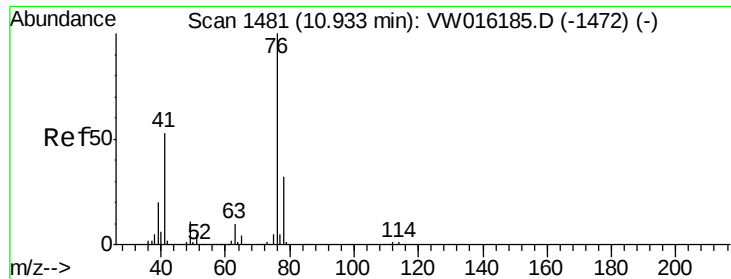
Tgt Ion:	97	Resp:	299422
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.6	100.0
85	53.8	43.0	64.4
99	62.2	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 160.610 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion:	69	Resp:	385147
Ion	Ratio	Lower	Upper
69	100		
41	60.4	47.6	71.4
39	27.0	24.6	36.8

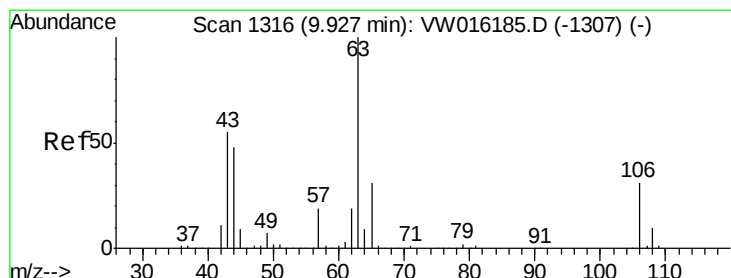
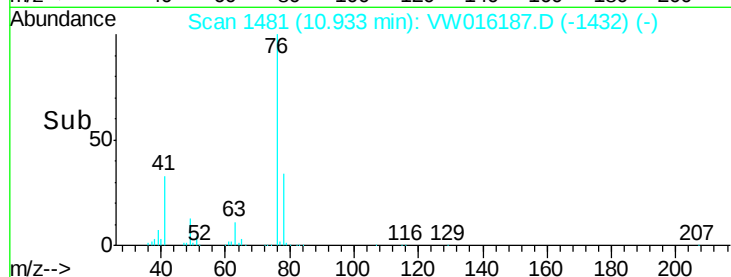
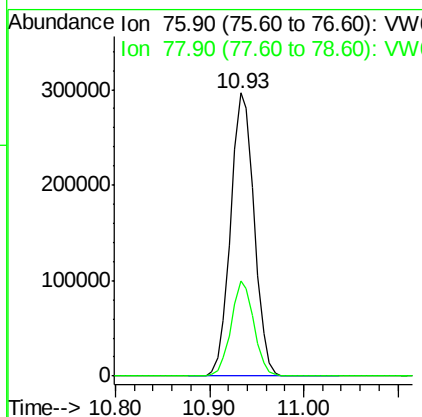
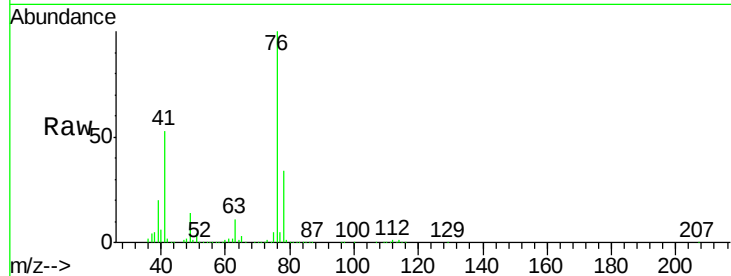




#57
 1,3-Dichloropropane
 Concen: 148.624 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

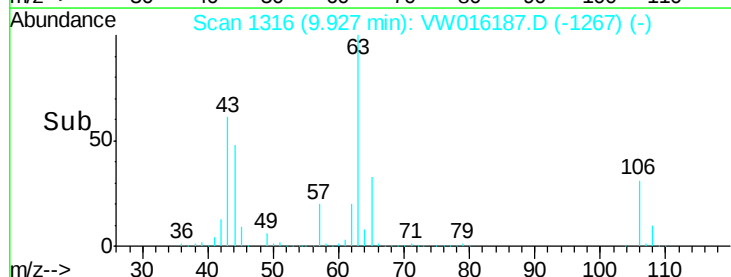
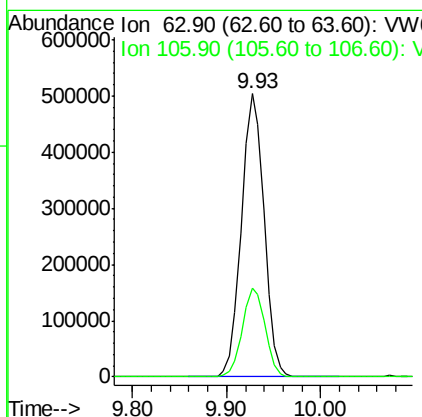
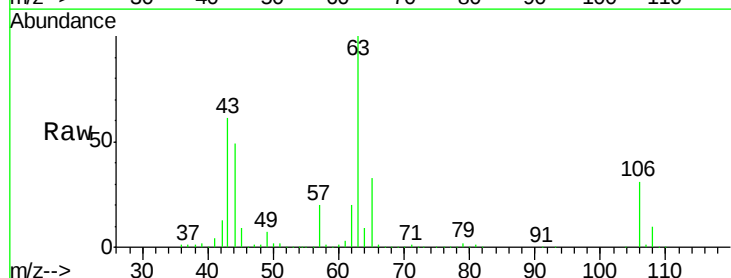
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

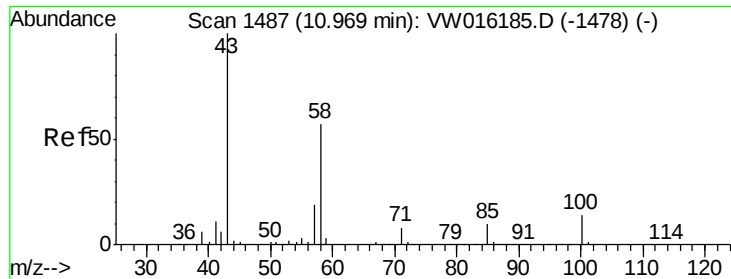
Tgt Ion: 76 Resp: 512621
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 730.501 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion: 63 Resp: 846147
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.9 37.3

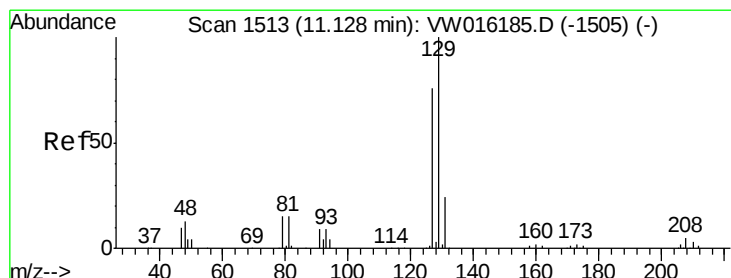
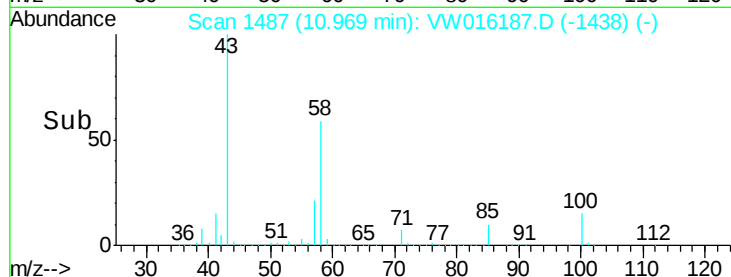
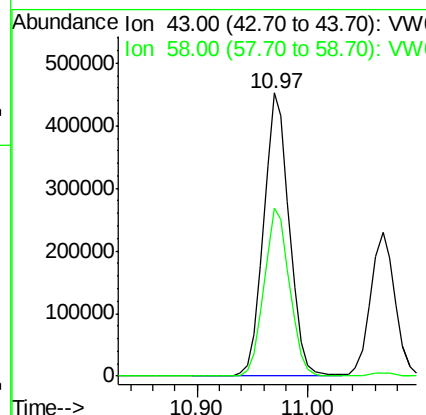
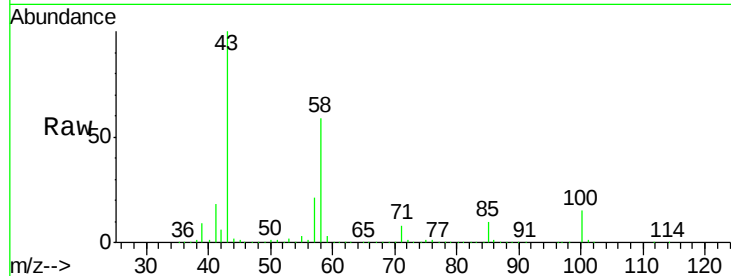




#59
2-Hexanone
Concen: 734.444 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

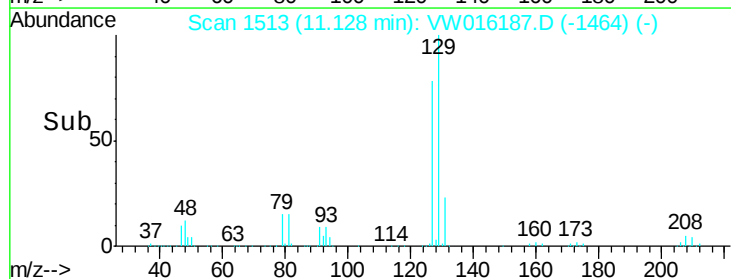
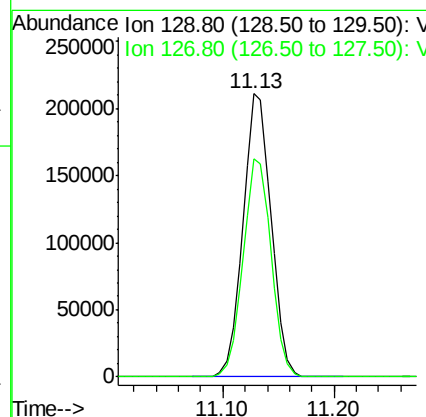
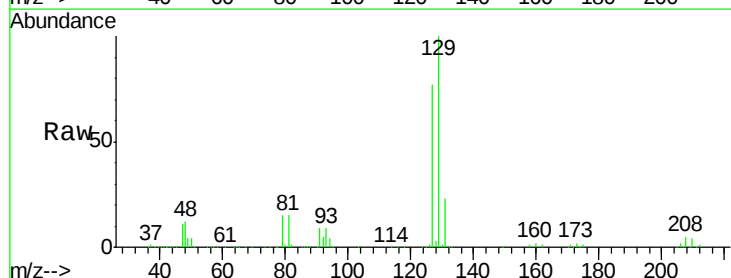
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

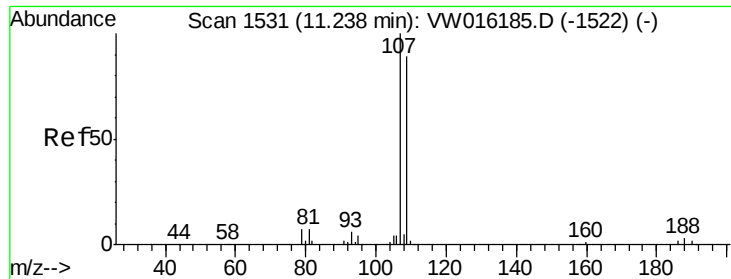
Tgt Ion: 43 Resp: 725881
Ion Ratio Lower Upper
43 100
58 58.9 28.8 86.5



#60
Dibromochloromethane
Concen: 162.016 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 129 Resp: 368136
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8

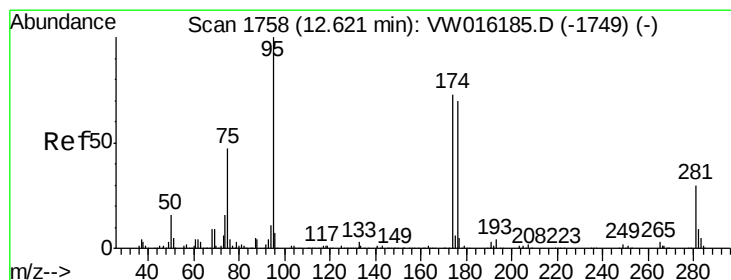
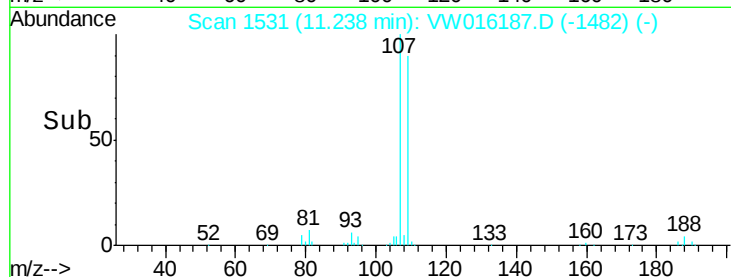
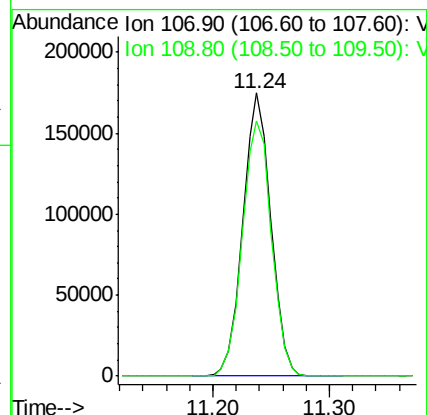
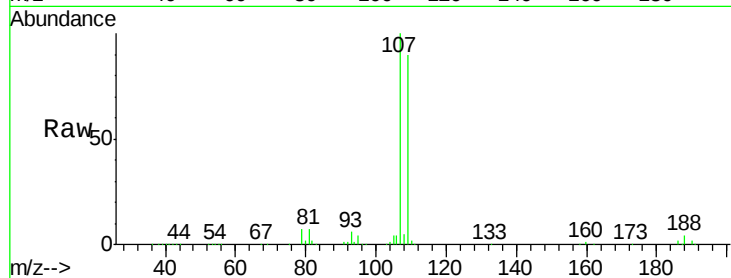




#61
 1,2-Dibromoethane
 Concen: 155.547 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

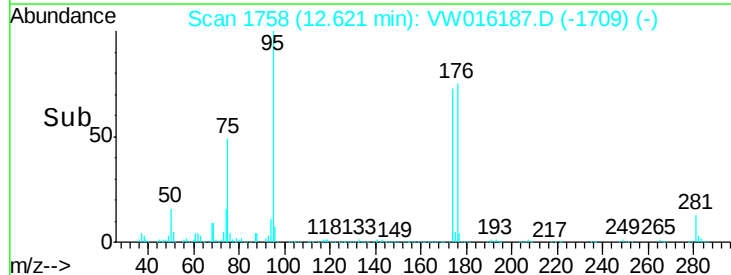
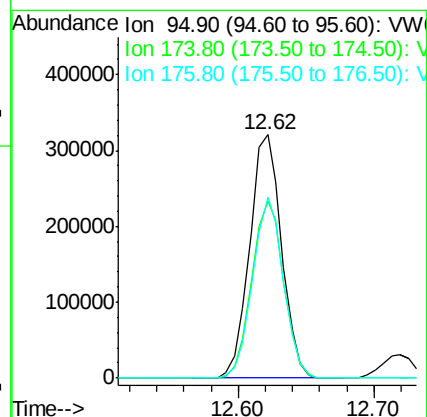
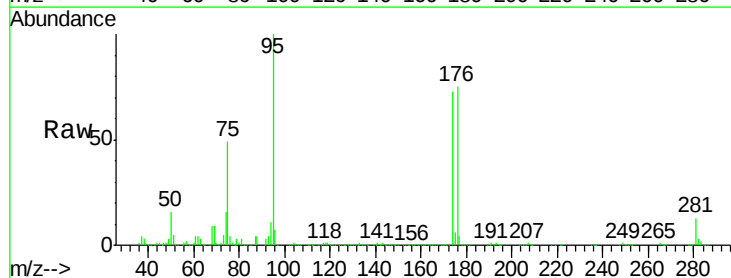
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

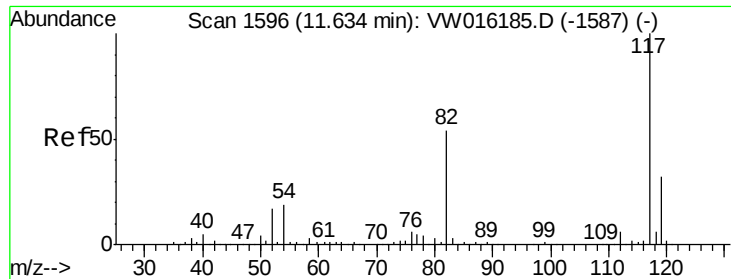
Tgt Ion: 107 Resp: 293196
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 152.226 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion: 95 Resp: 525496
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 145.6
 176 71.9 0.0 137.8

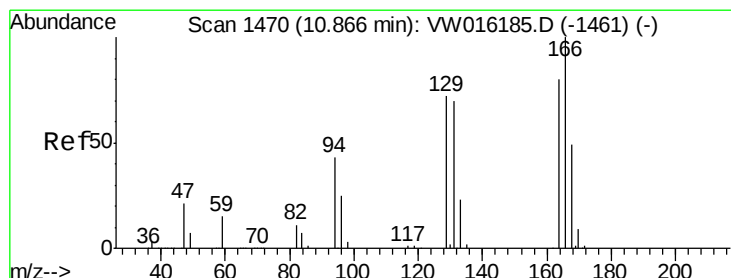
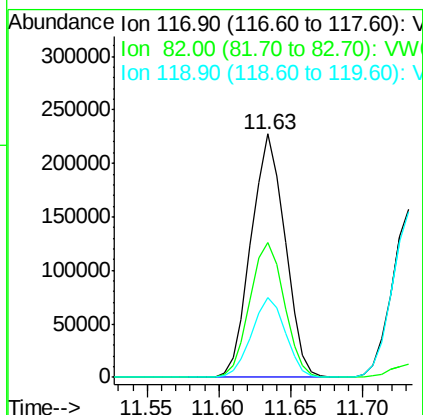
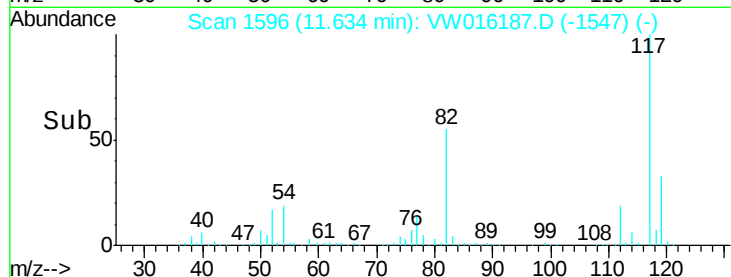
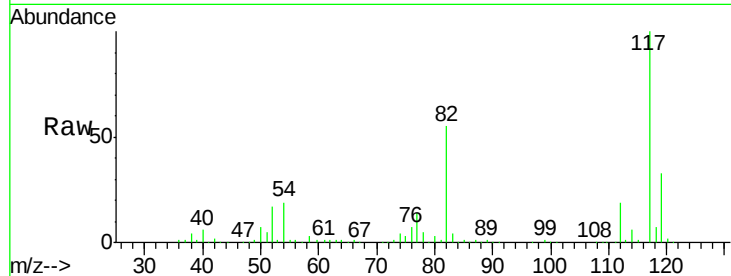




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

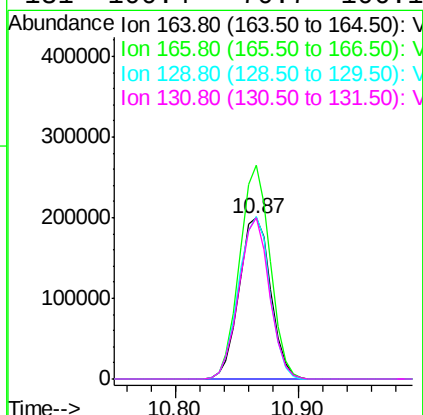
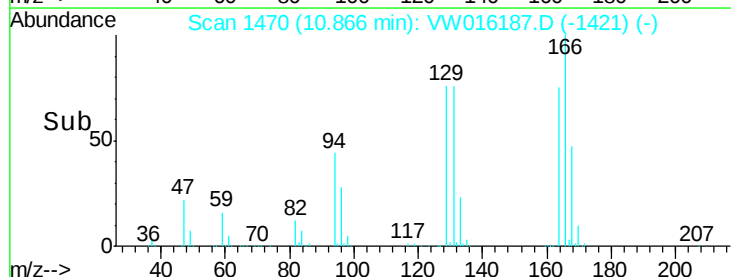
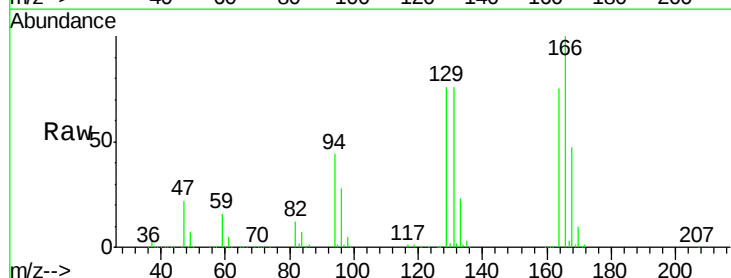
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

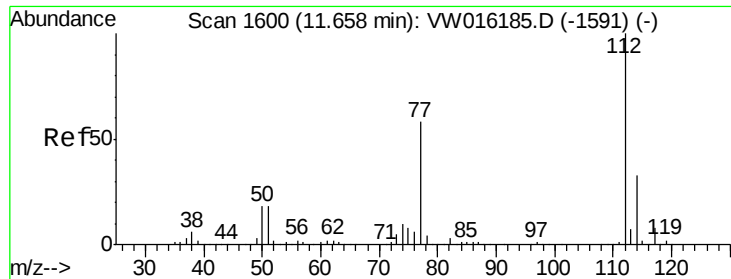
Tgt Ion:117 Resp: 370647
Ion Ratio Lower Upper
117 100
82 55.3 43.6 65.4
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 152.614 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion:164 Resp: 357523
Ion Ratio Lower Upper
164 100
166 132.9 100.3 150.5
129 101.2 72.2 108.4
131 100.4 70.7 106.1

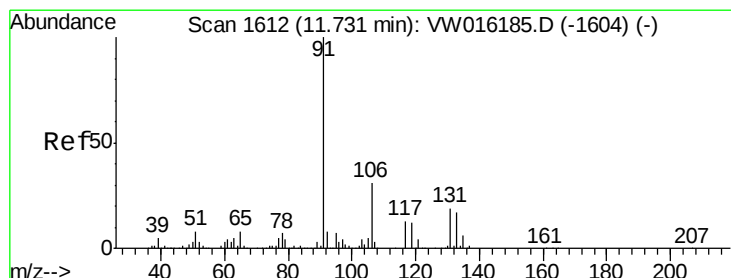
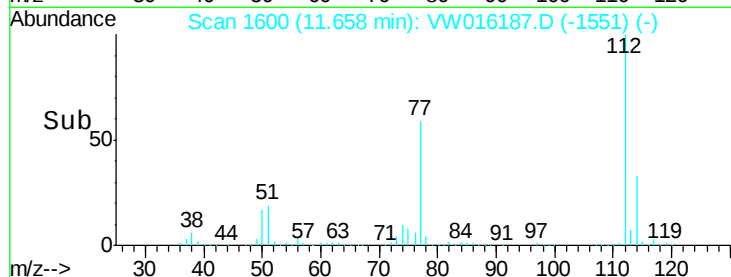
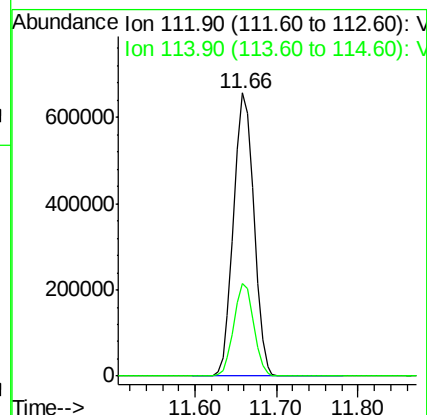
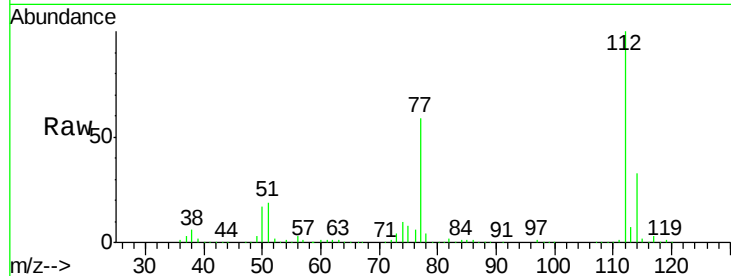




#65
Chlorobenzene
Concen: 155.208 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

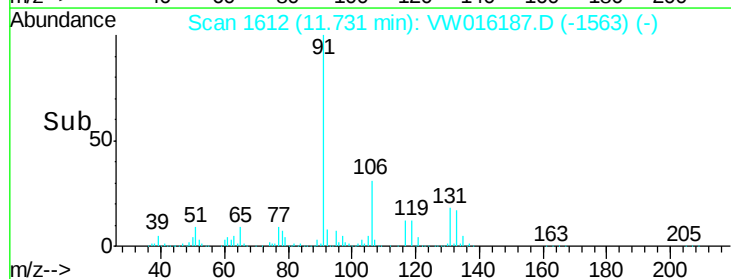
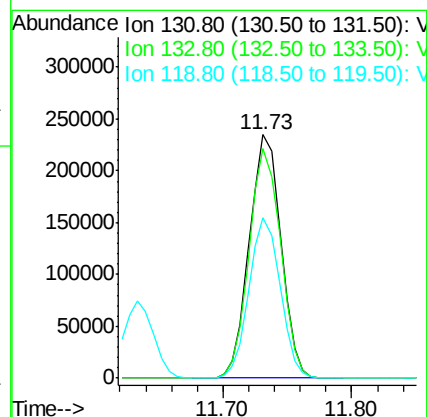
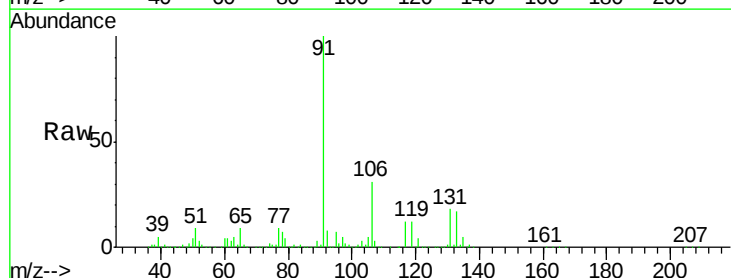
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

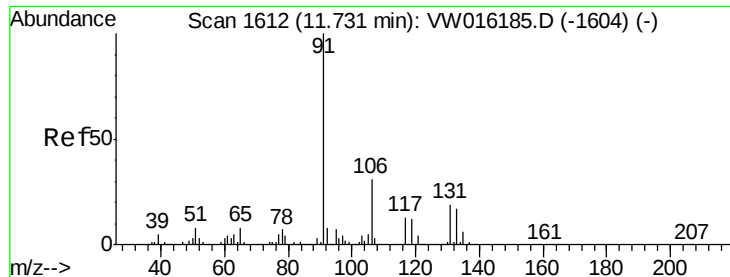
Tgt Ion:112 Resp: 1120806
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 155.898 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion:131 Resp: 398070
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.3
119 65.1 33.1 99.3

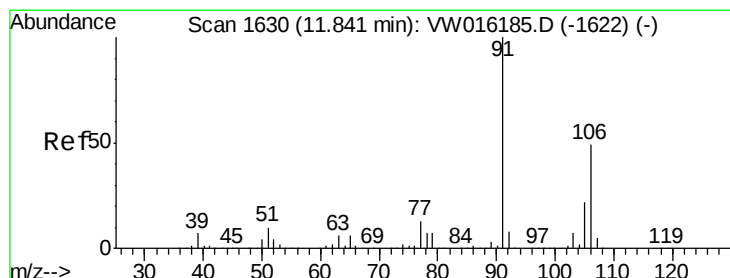
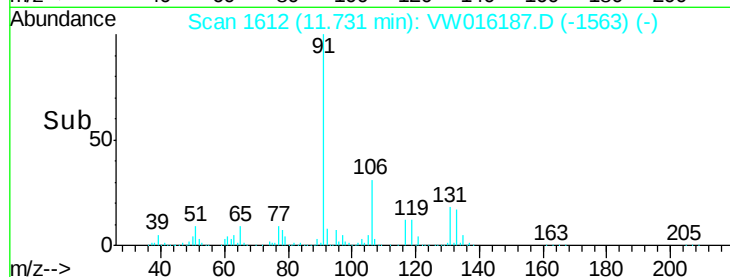
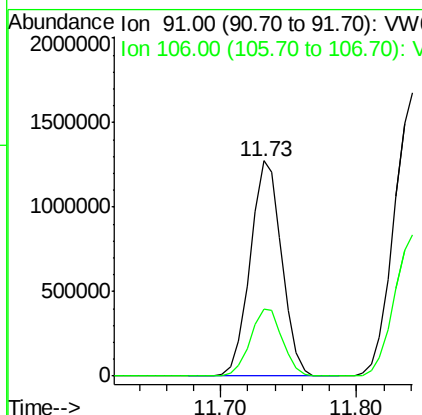
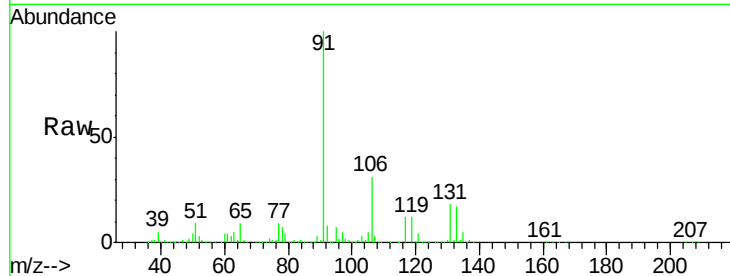




#67
Ethyl Benzene
Concen: 154.579 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

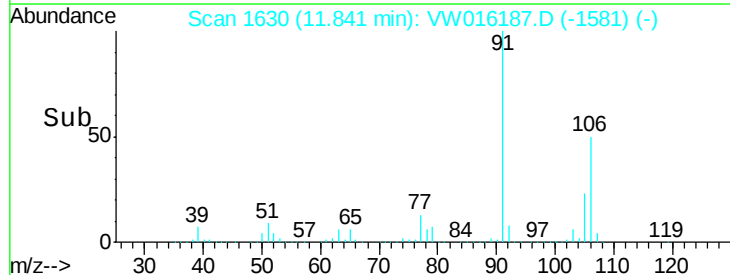
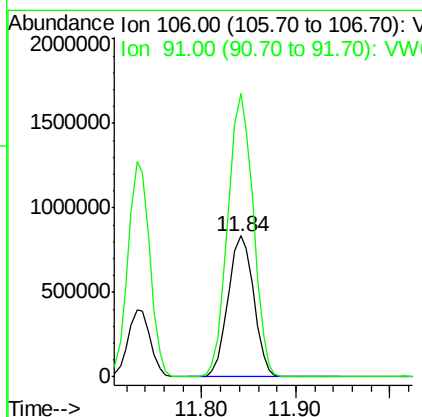
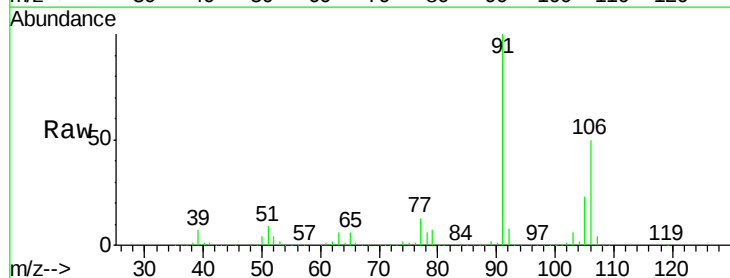
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

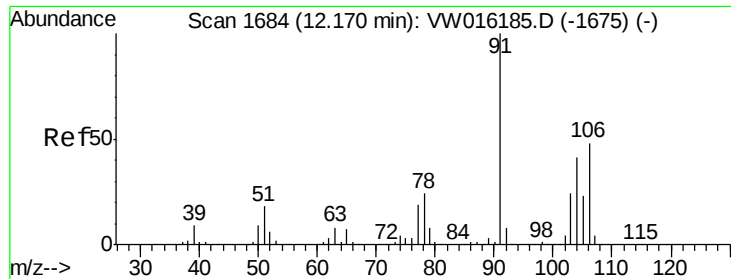
Tgt Ion: 91 Resp: 2067279
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 313.713 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 106 Resp: 1575998
Ion Ratio Lower Upper
106 100
91 198.9 161.4 242.2

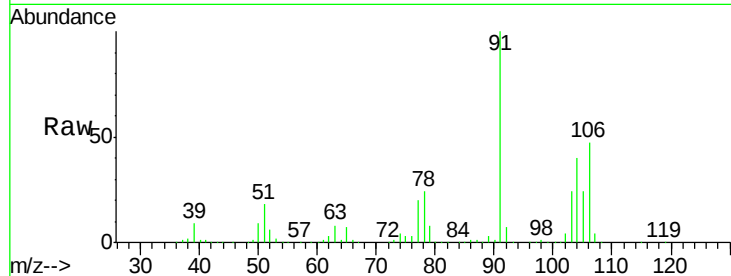




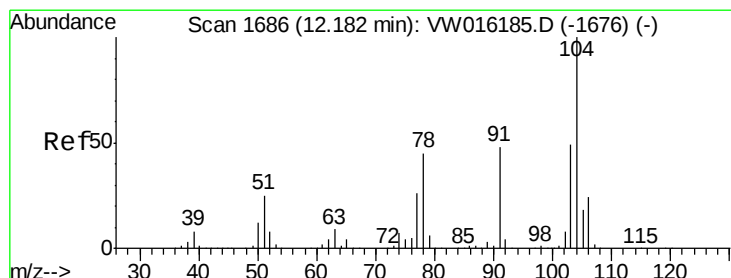
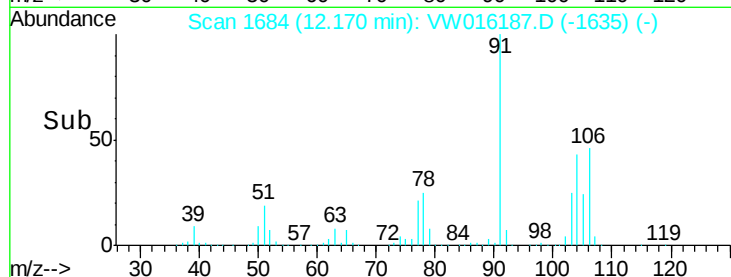
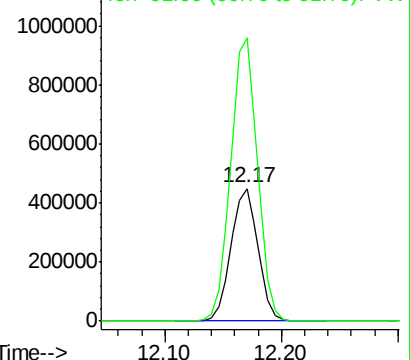
#69
o-Xylene
Concen: 158.401 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 725062
Ion Ratio Lower Upper
106 100
91 212.9 106.0 317.9

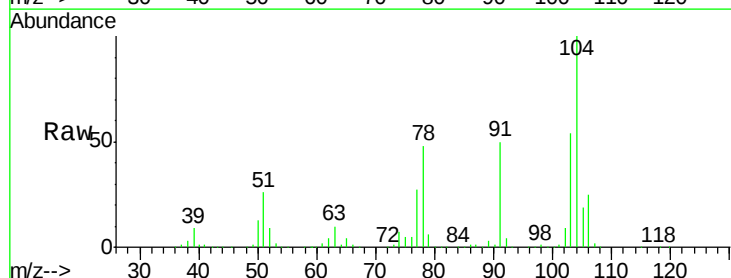


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

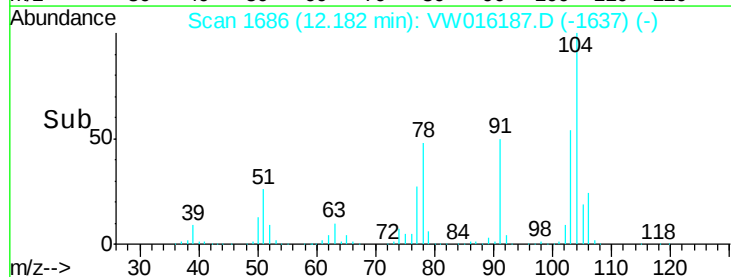
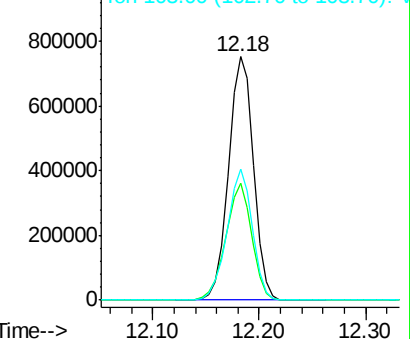


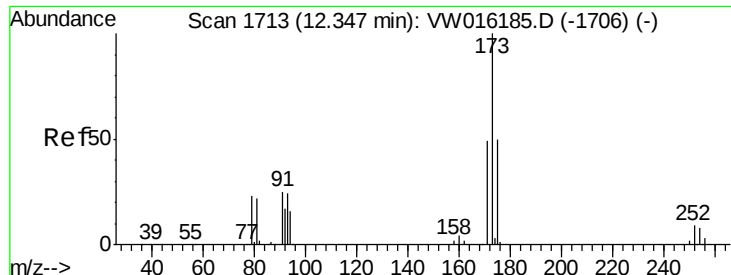
#70
Styrene
Concen: 156.830 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion:104 Resp: 1236388
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 54.7 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 157.056 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

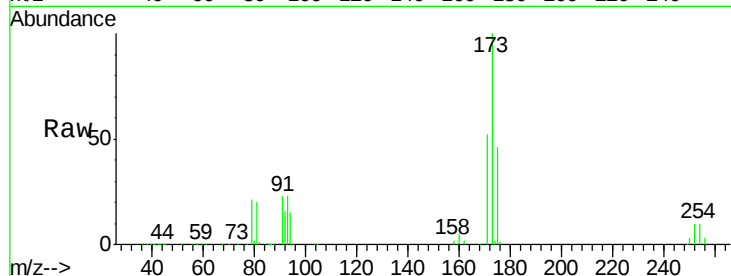
Tgt Ion:173 Resp: 182578

Ion Ratio Lower Upper

173 100

175 48.1 24.7 74.1

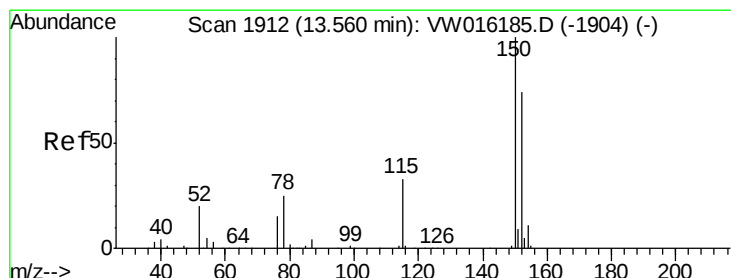
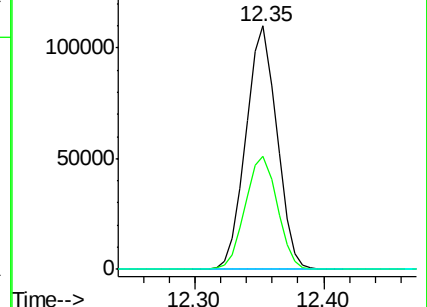
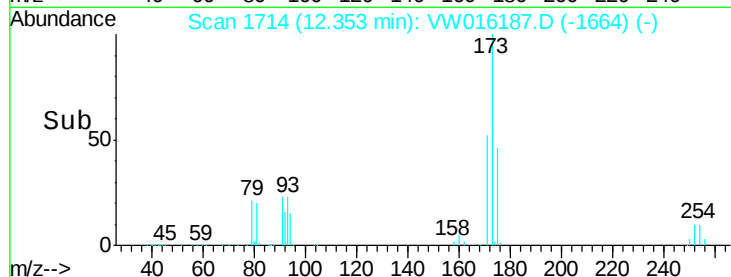
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

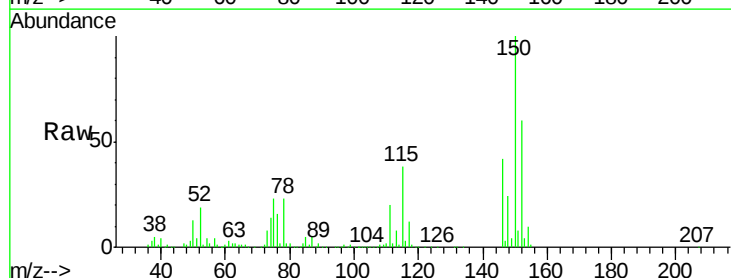
Tgt Ion:152 Resp: 170355

Ion Ratio Lower Upper

152 100

115 62.5 30.9 92.5

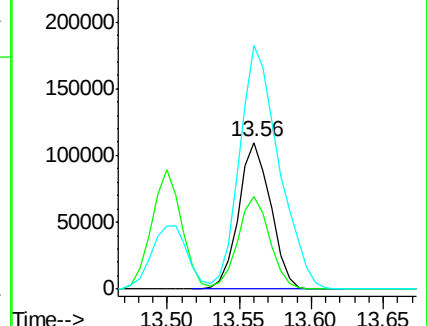
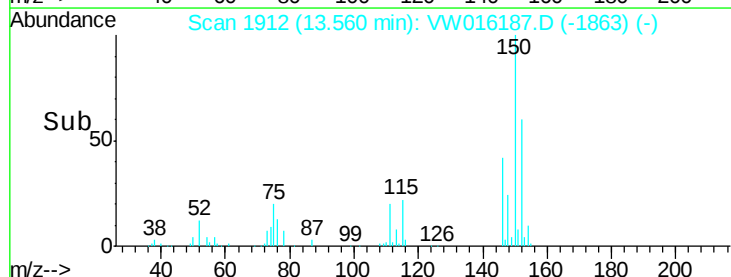
150 202.9 0.0 337.8

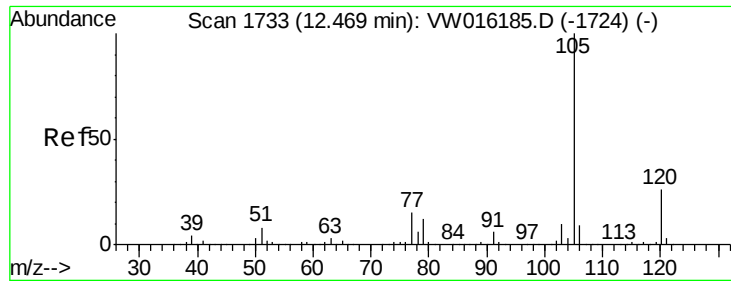


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 163.717 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

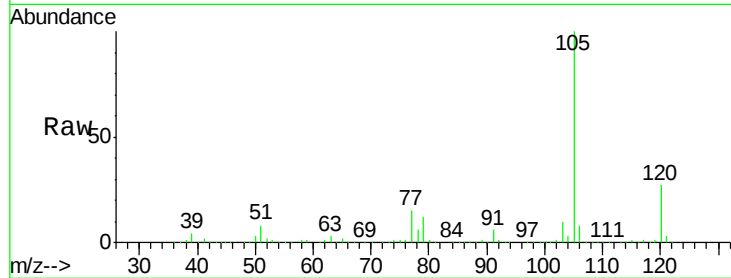
VSTDIC150

Tgt Ion:105 Resp: 1979894

Ion Ratio Lower Upper

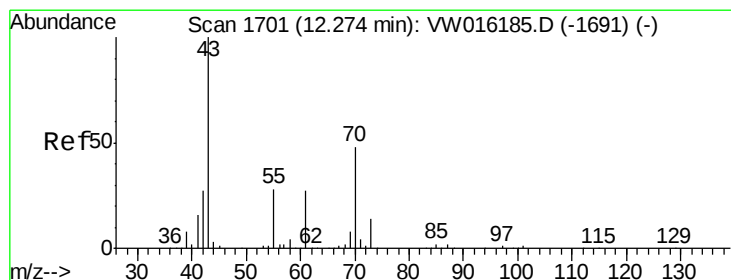
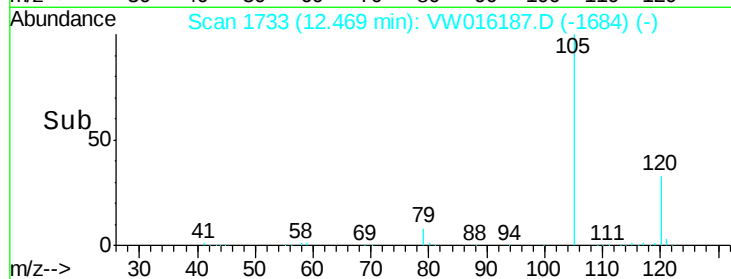
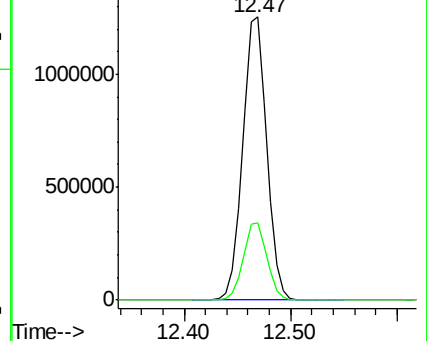
105 100

120 26.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 149.445 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Tgt Ion: 43 Resp: 378411

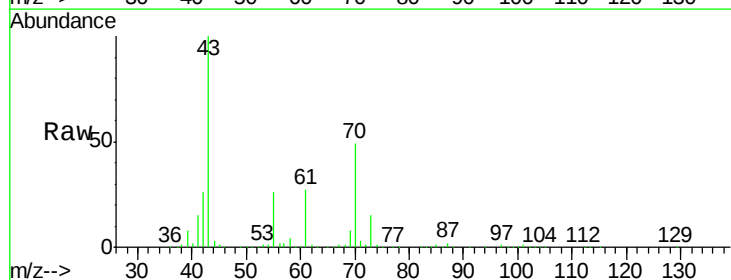
Ion Ratio Lower Upper

43 100

70 48.8 38.6 58.0

55 26.5 22.2 33.2

61 26.5 21.3 31.9

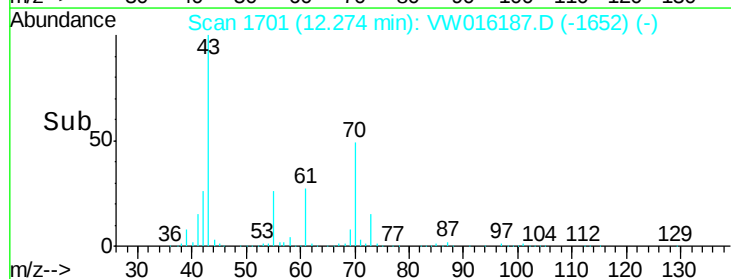
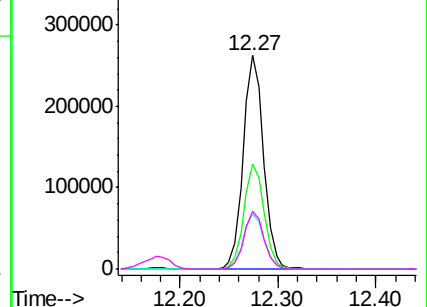


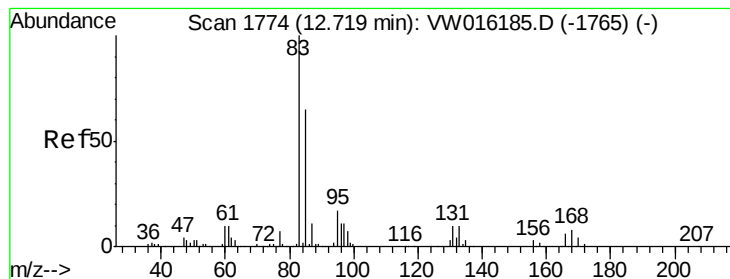
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 158.444 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

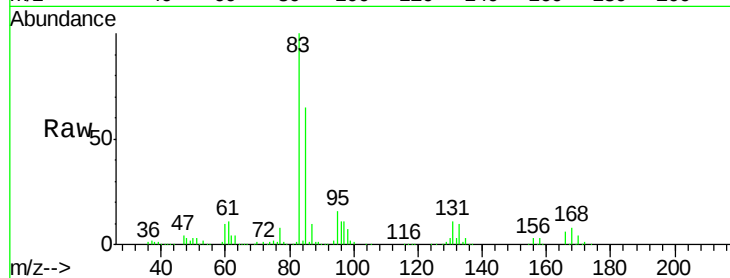
Tgt Ion: 83 Resp: 320651

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

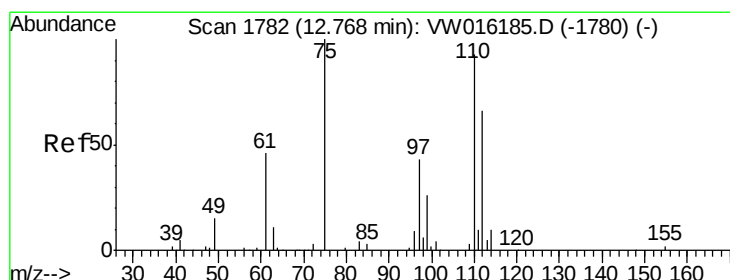
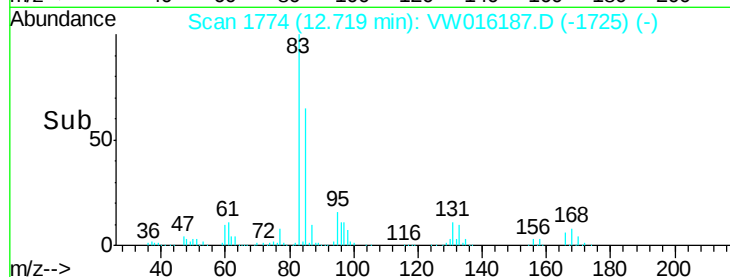
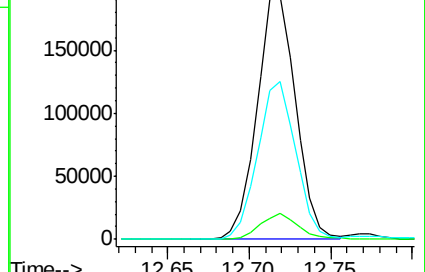
85 63.8 31.3 93.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 274.780 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016187.D

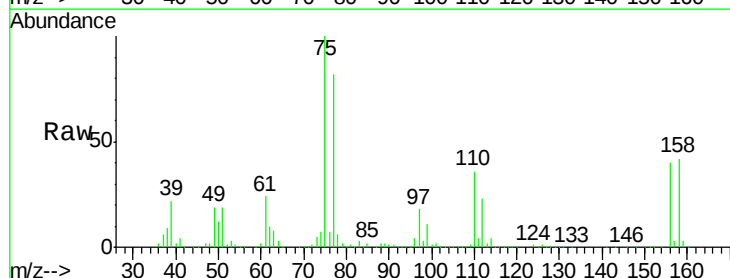
Acq: 14 Aug 2020 11:48

Tgt Ion: 75 Resp: 414401

Ion Ratio Lower Upper

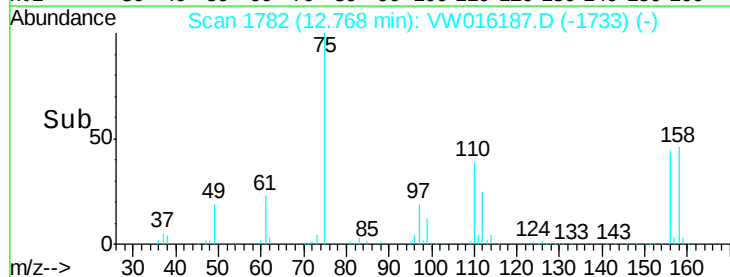
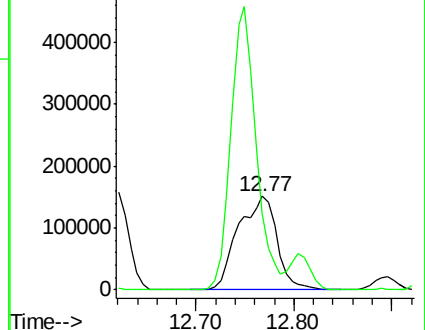
75 100

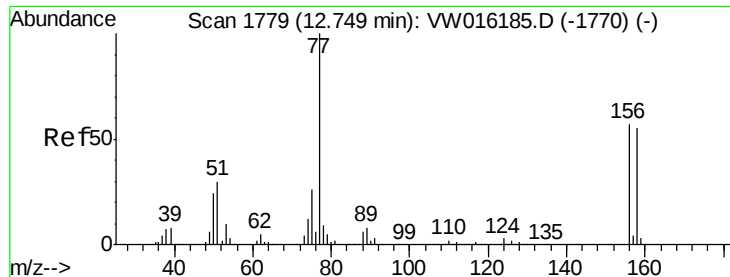
77 198.1 173.6 520.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 158.045 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

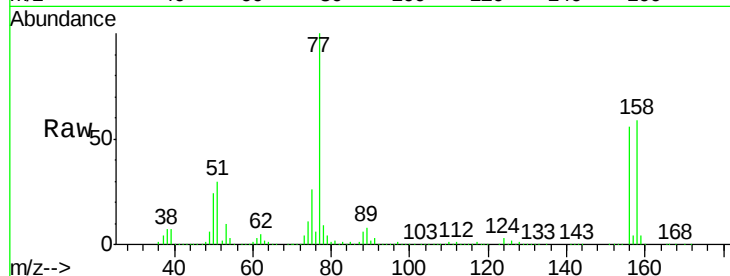
Tgt Ion:156 Resp: 427508

Ion Ratio Lower Upper

156 100

77 192.0 97.9 293.6

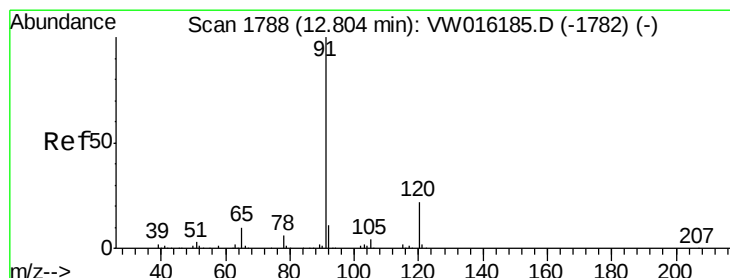
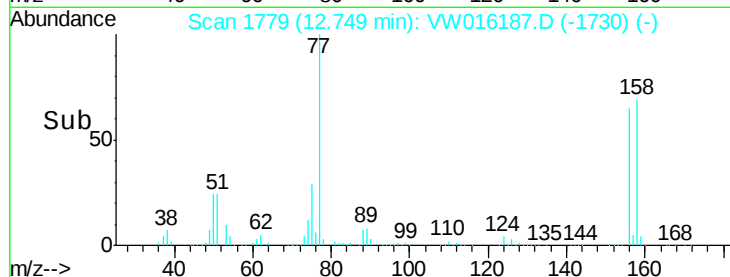
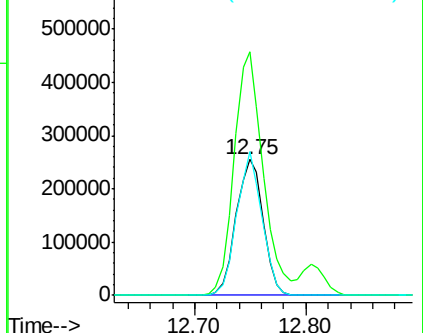
158 98.3 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 158.515 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016187.D

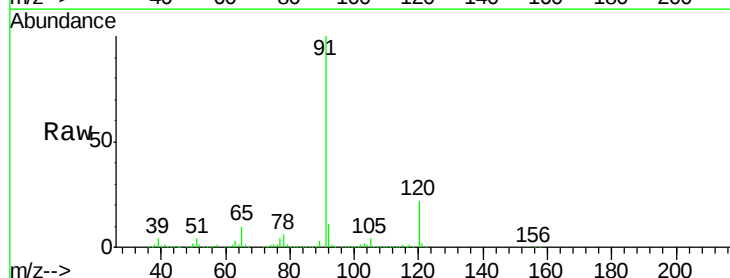
Acq: 14 Aug 2020 11:48

Tgt Ion: 91 Resp: 2318461

Ion Ratio Lower Upper

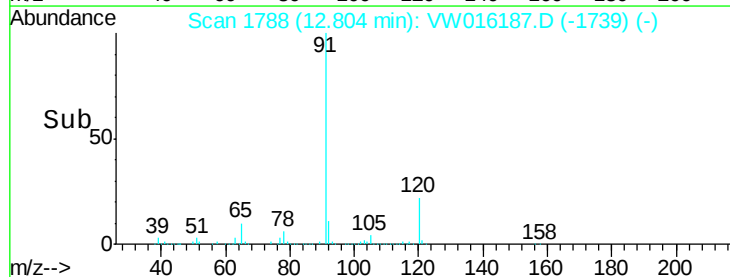
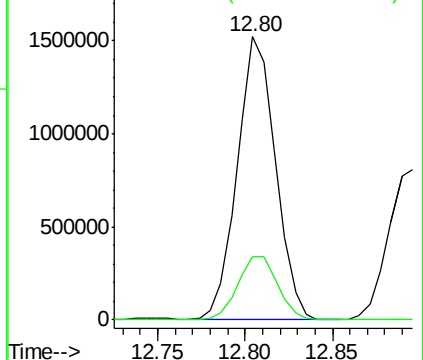
91 100

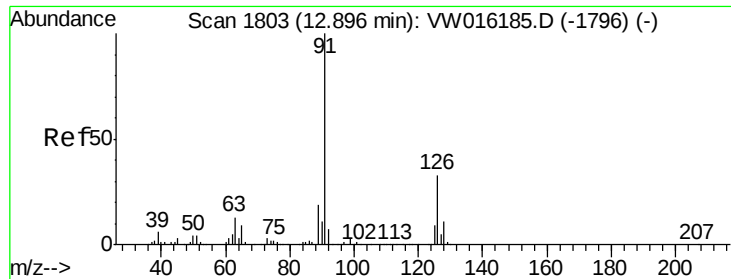
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

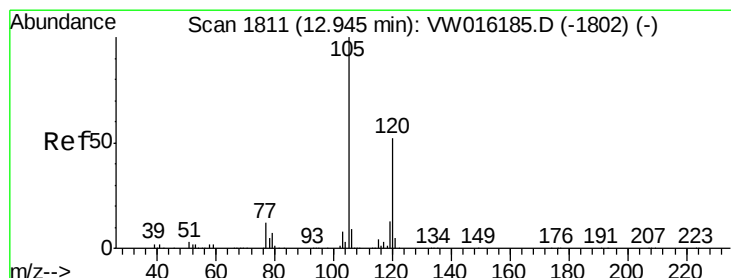
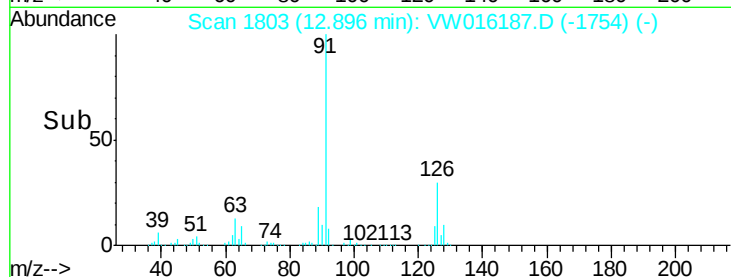
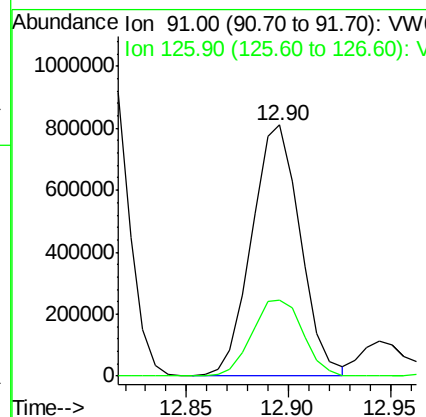
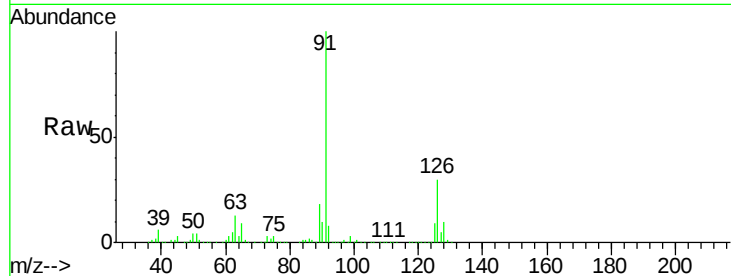




#79
2-Chlorotoluene
Concen: 160.617 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

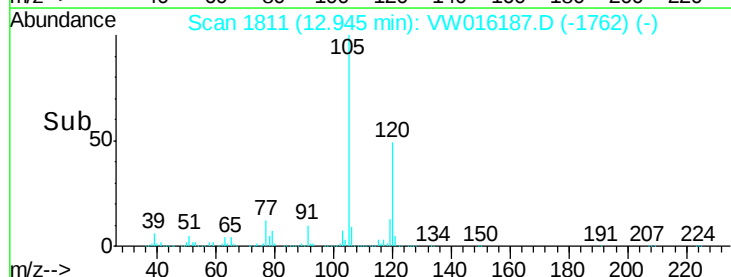
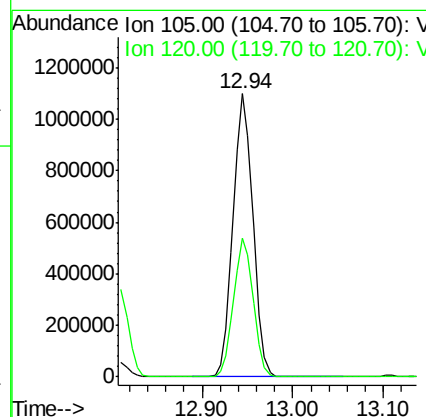
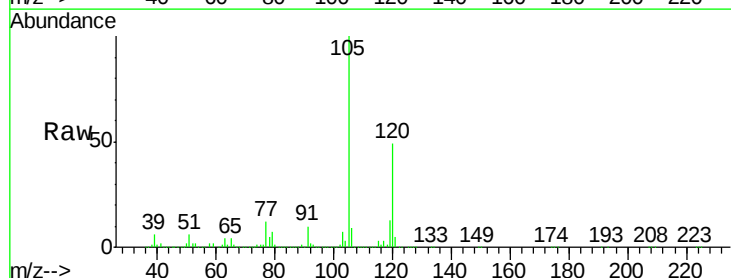
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

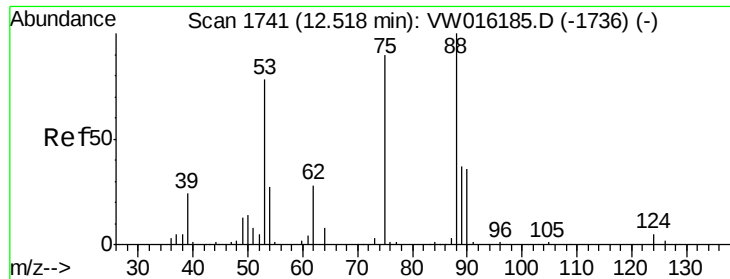
Tgt Ion: 91 Resp: 1341449
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 161.351 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 105 Resp: 1666511
Ion Ratio Lower Upper
105 100
120 48.6 25.1 75.2

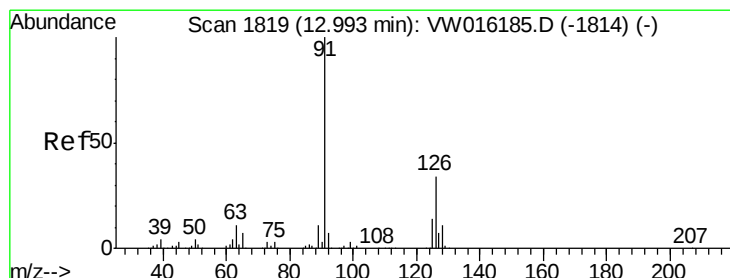
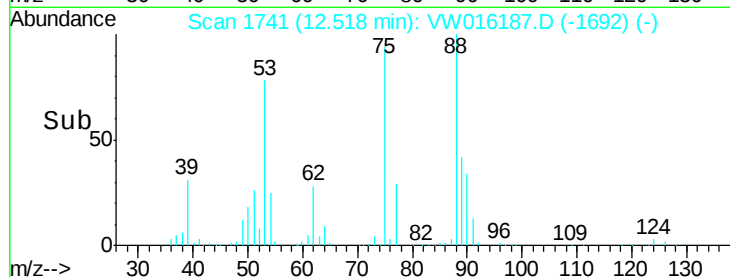
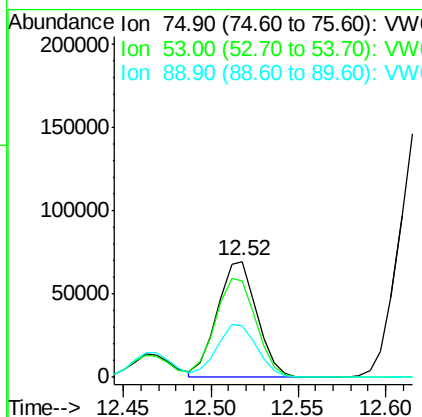
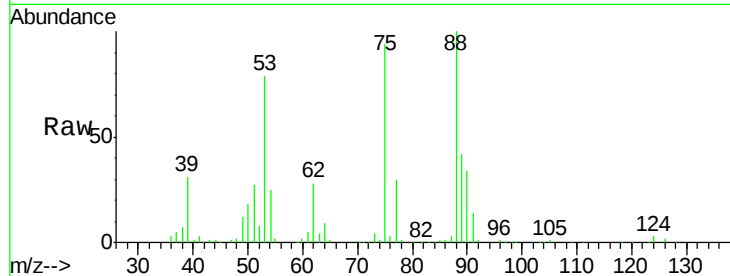




#81
trans-1,4-Dichloro-2-butene
Concen: 182.253 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

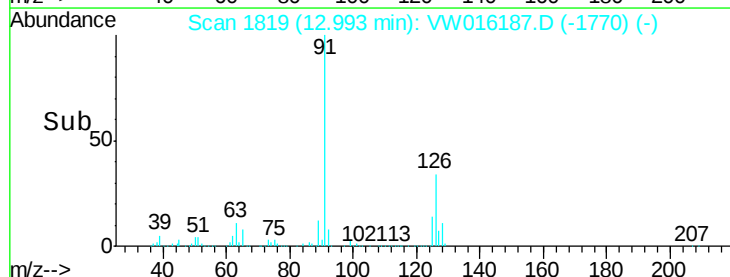
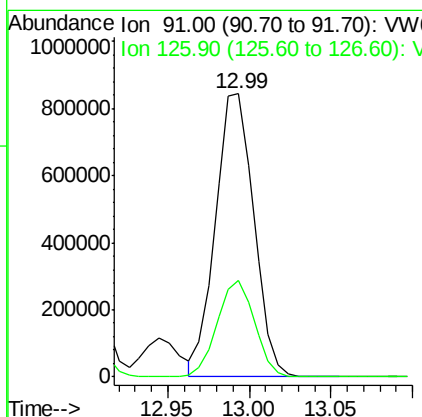
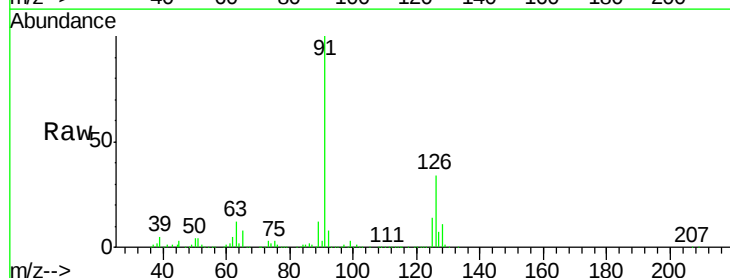
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

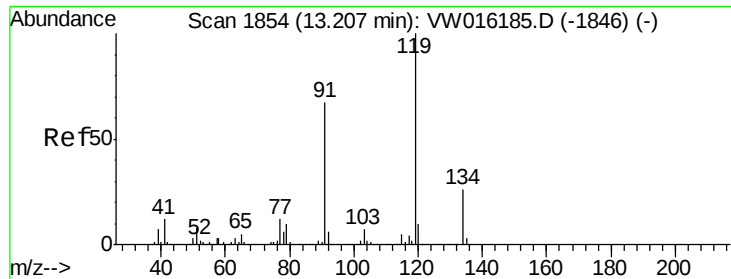
Tgt Ion: 75 Resp: 109144
Ion Ratio Lower Upper
75 100
53 88.1 74.6 111.8
89 46.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 158.278 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion: 91 Resp: 1382755
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.8

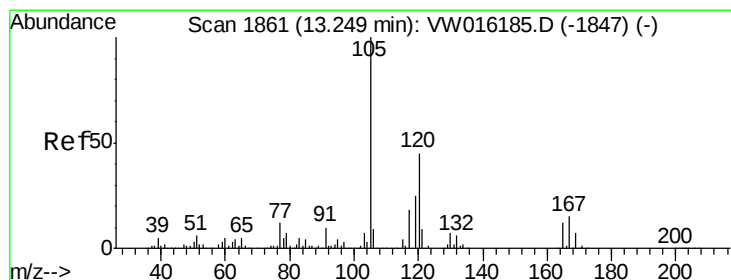
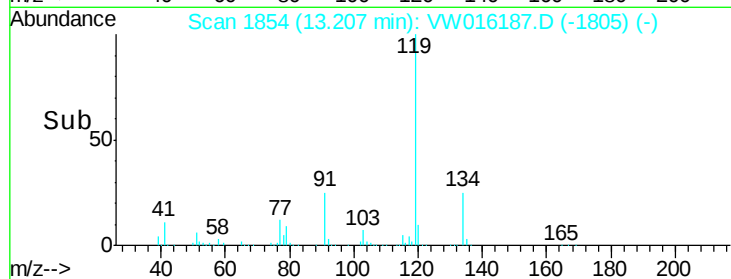
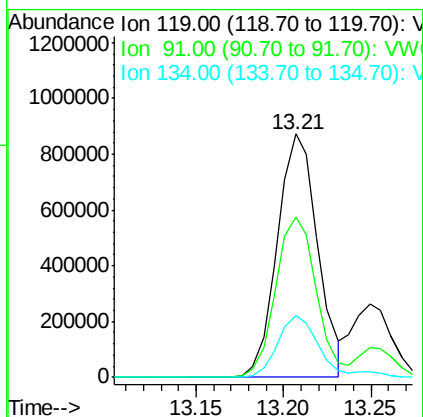
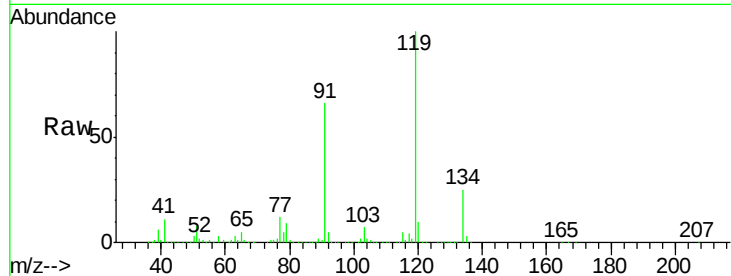




#83
 tert-Butylbenzene
 Concen: 164.287 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

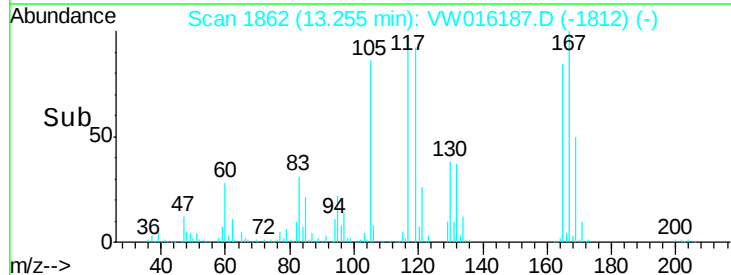
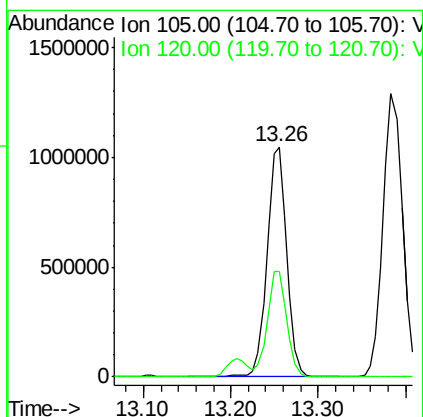
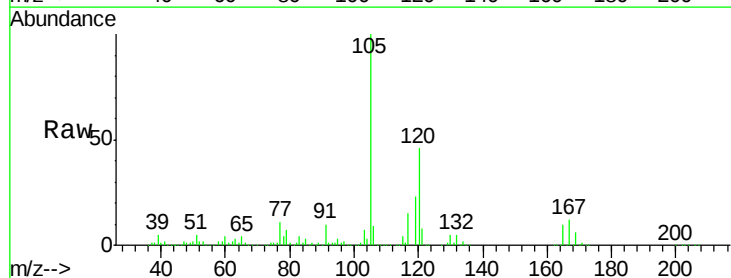
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

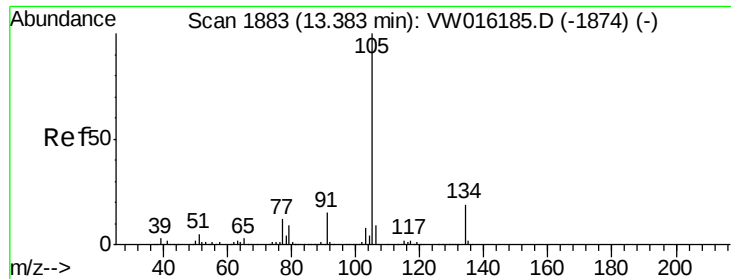
Tgt Ion:119 Resp: 1405811
 Ion Ratio Lower Upper
 119 100
 91 66.8 33.3 99.9
 134 27.1 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 160.420 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion:105 Resp: 1654303
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.2 66.6

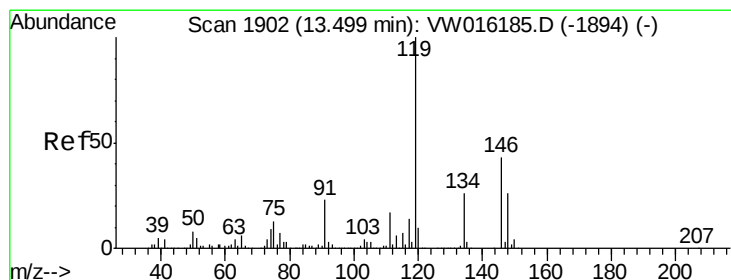
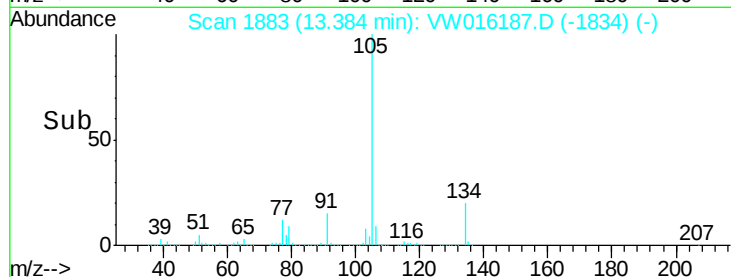
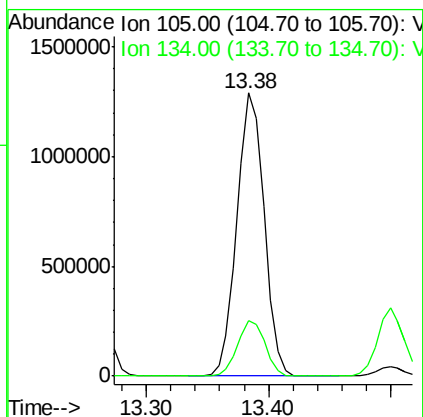
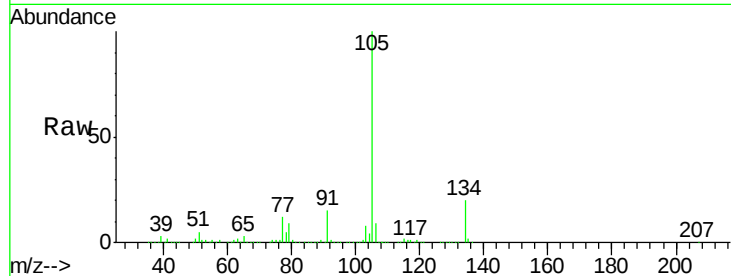




#85
 sec-Butylbenzene
 Concen: 160.466 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

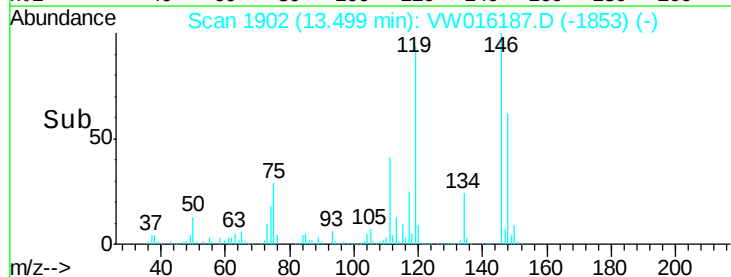
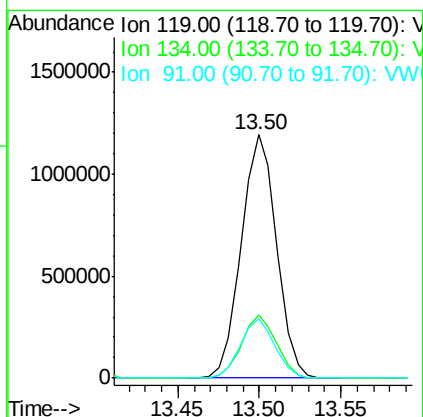
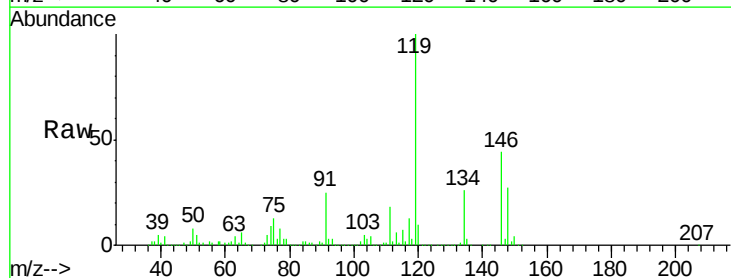
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

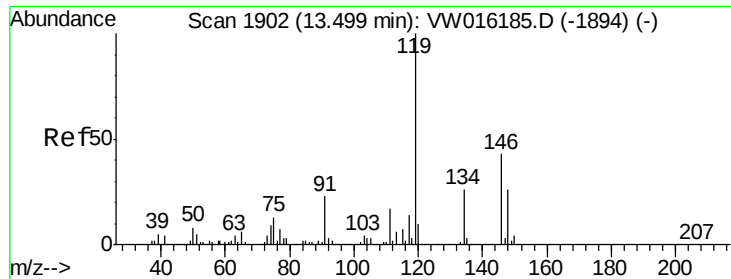
Tgt Ion:105 Resp: 1984557
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 158.617 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion:119 Resp: 1791452
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 23.9 11.8 35.3

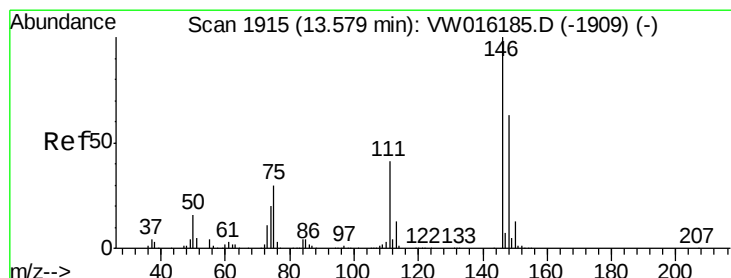
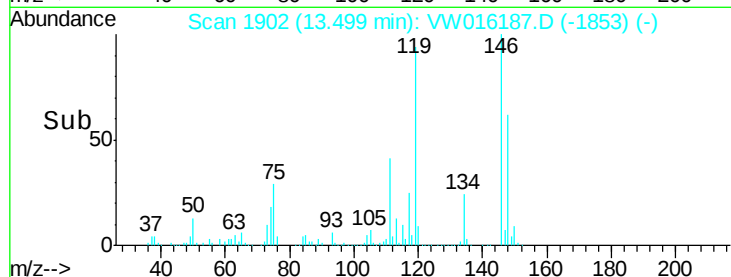
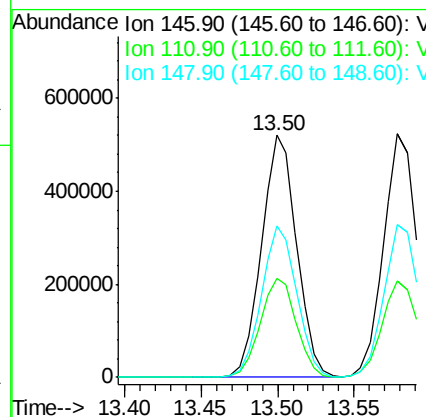
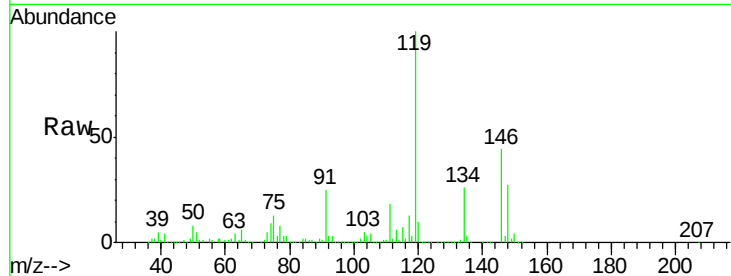




#87
 1,3-Dichlorobenzene
 Concen: 153.112 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

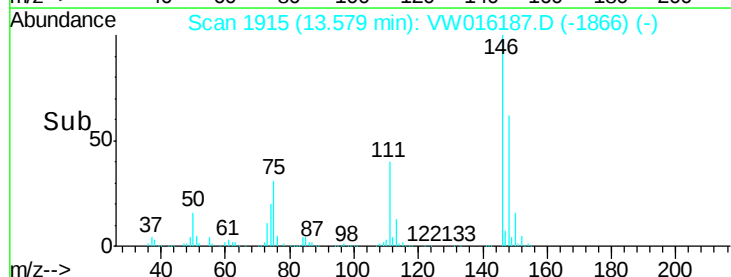
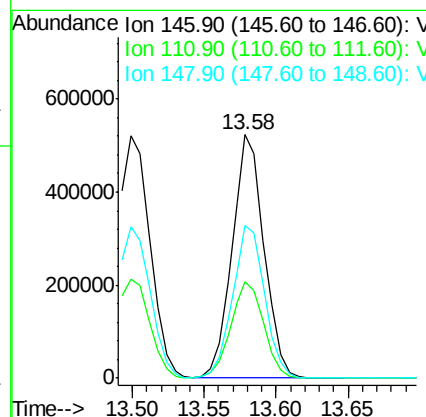
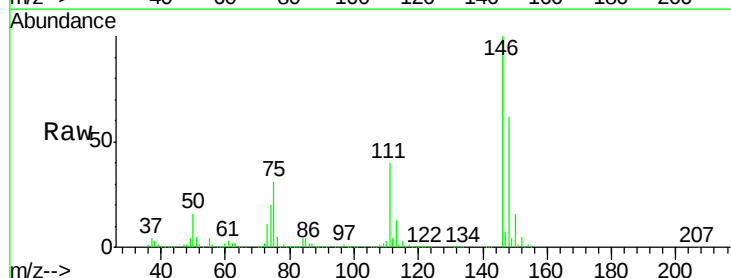
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

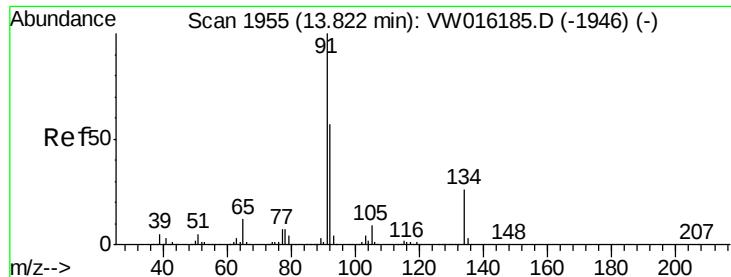
Tgt Ion:146 Resp: 831808
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.5
 148 62.8 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 152.552 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion:146 Resp: 809732
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.8 62.2
 148 62.9 32.1 96.3





#89

n-Butylbenzene

Concen: 156.882 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

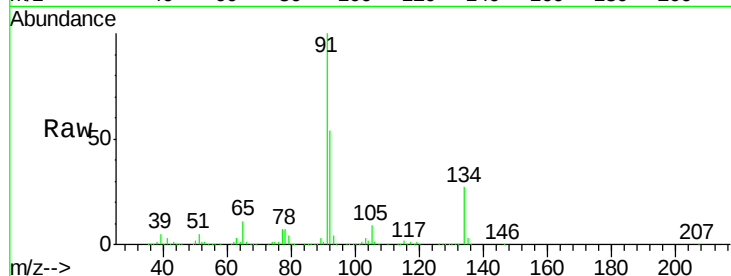
Tgt Ion: 91 Resp: 1681766

Ion Ratio Lower Upper

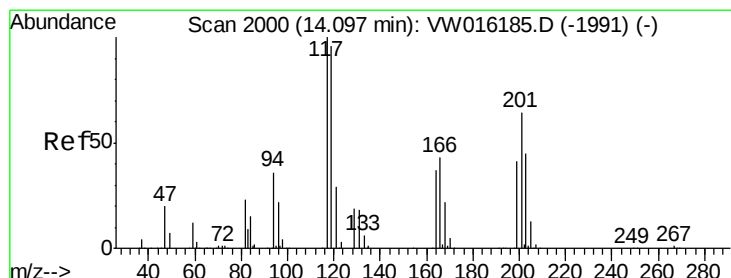
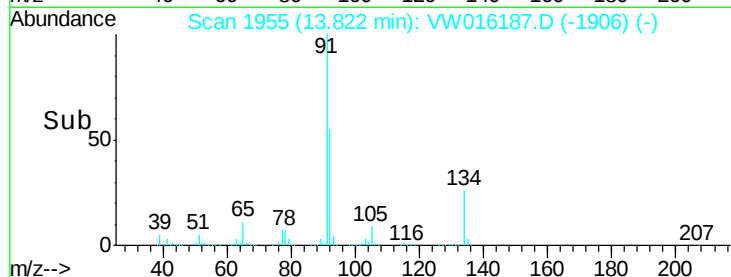
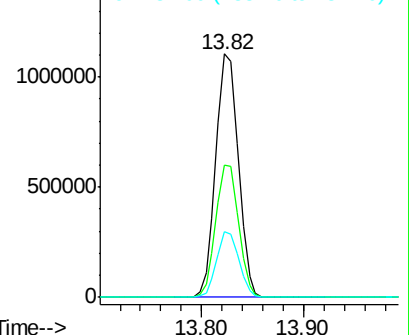
91 100

92 55.1 27.4 82.2

134 26.6 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 169.067 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016187.D

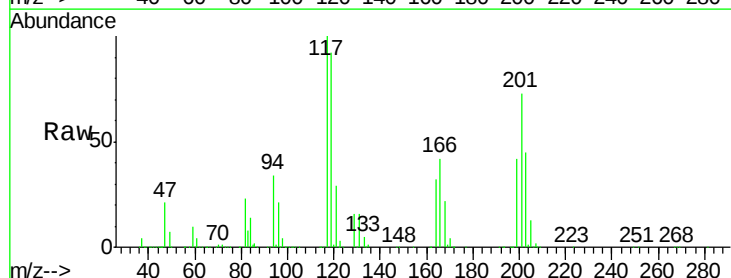
Acq: 14 Aug 2020 11:48

Tgt Ion: 117 Resp: 344837

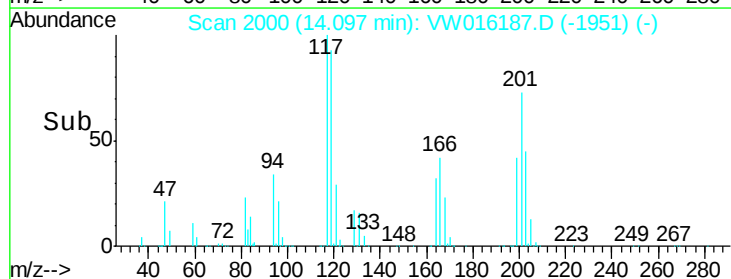
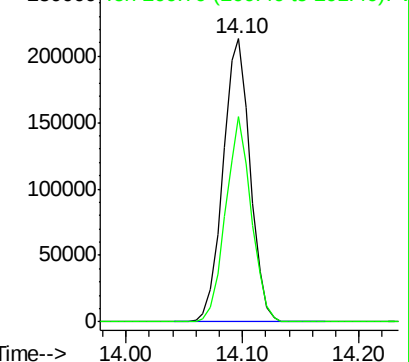
Ion Ratio Lower Upper

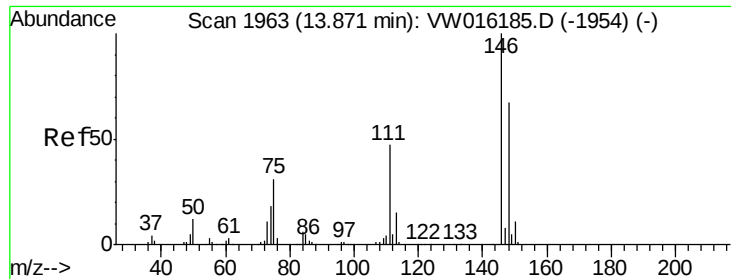
117 100

201 68.9 33.8 101.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 155.448 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

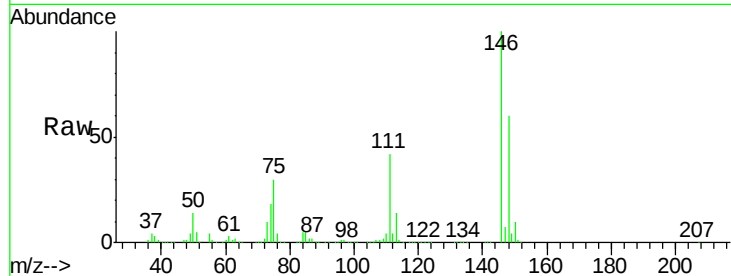
Tgt Ion:146 Resp: 727402

Ion Ratio Lower Upper

146 100

111 43.3 21.9 65.8

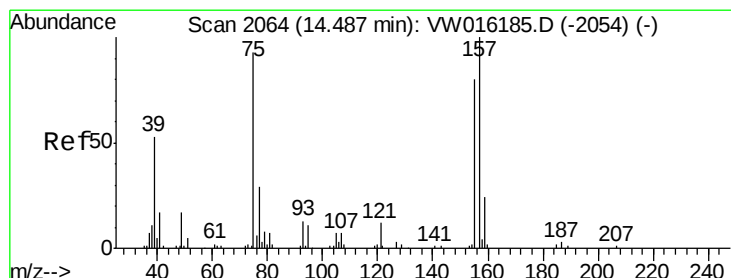
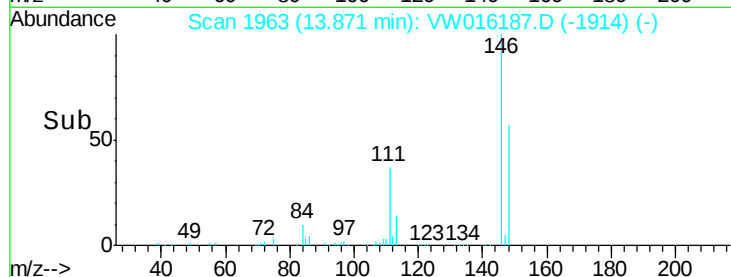
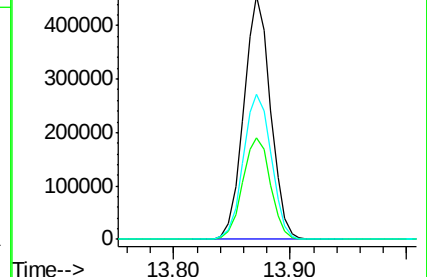
148 62.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 166.310 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016187.D

Acq: 14 Aug 2020 11:48

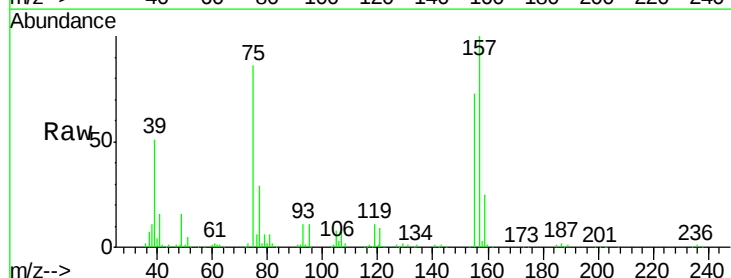
Tgt Ion: 75 Resp: 53579

Ion Ratio Lower Upper

75 100

155 82.7 41.3 124.1

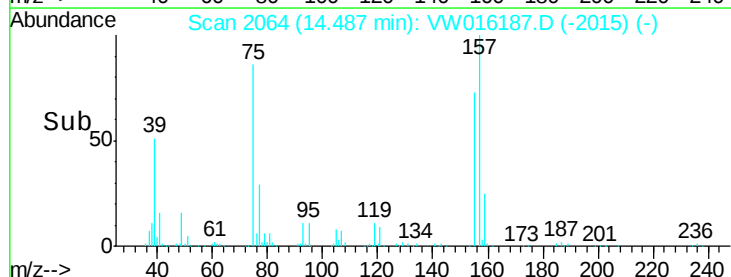
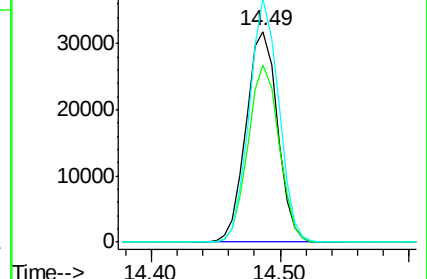
157 108.1 53.0 159.0

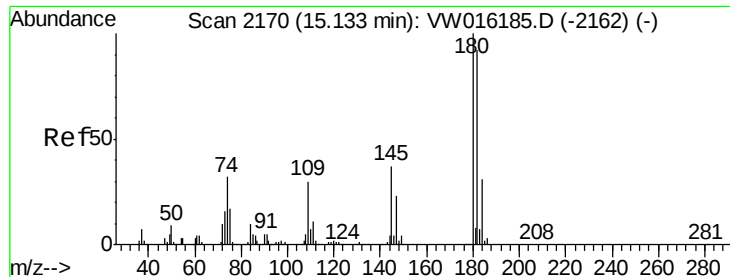


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

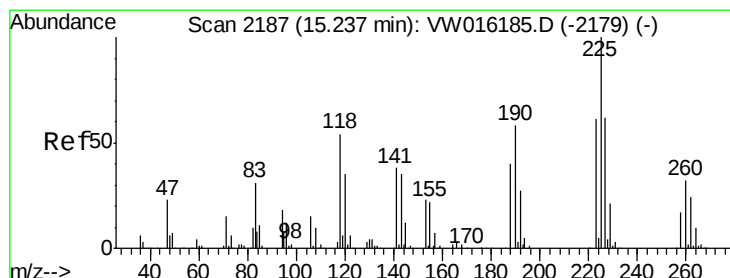
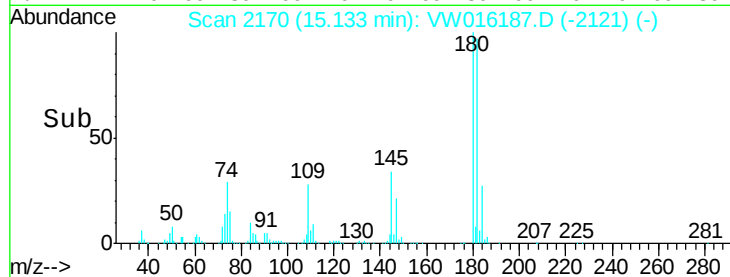
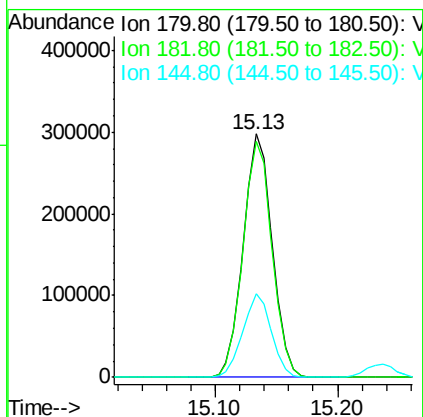
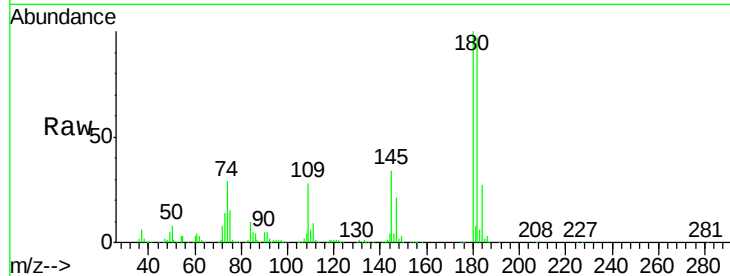




#93
 1,2,4-Trichlorobenzene
 Concen: 166.479 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

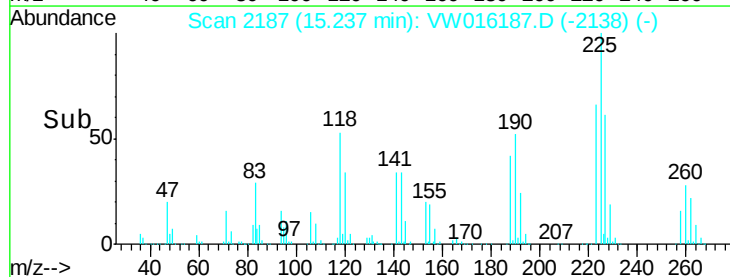
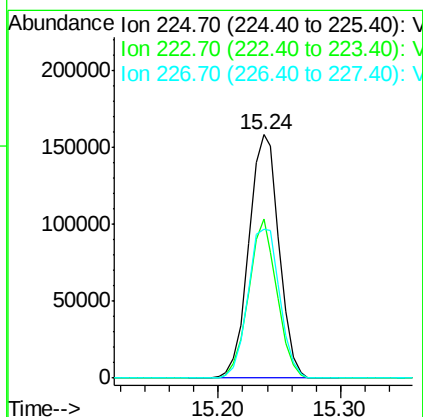
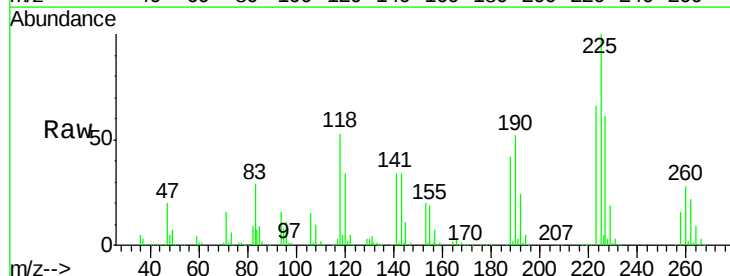
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

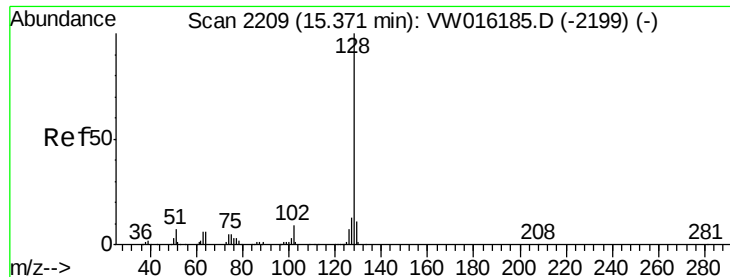
Tgt Ion:180 Resp: 489944
 Ion Ratio Lower Upper
 180 100
 182 97.5 46.0 138.0
 145 33.7 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 147.736 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016187.D
 Acq: 14 Aug 2020 11:48

Tgt Ion:225 Resp: 271230
 Ion Ratio Lower Upper
 225 100
 223 61.1 33.0 99.0
 227 64.6 32.0 96.2

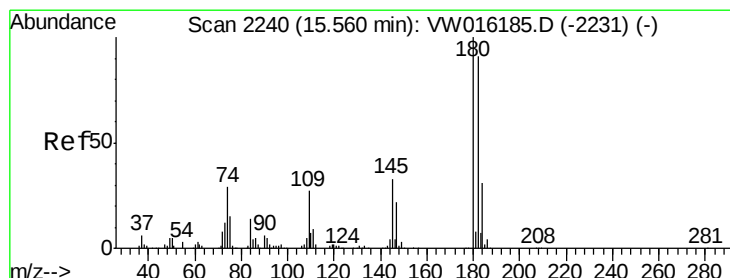
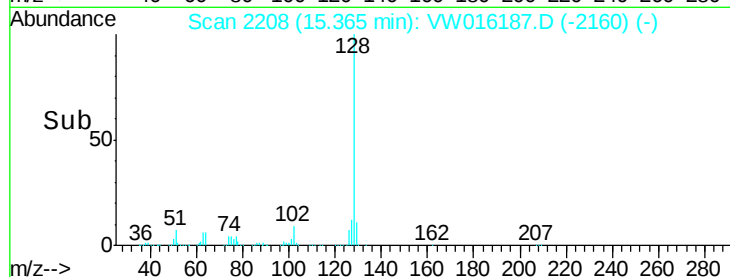
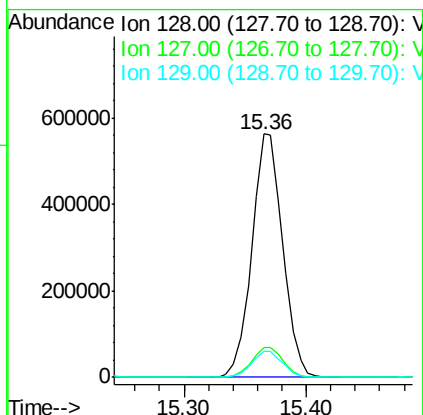
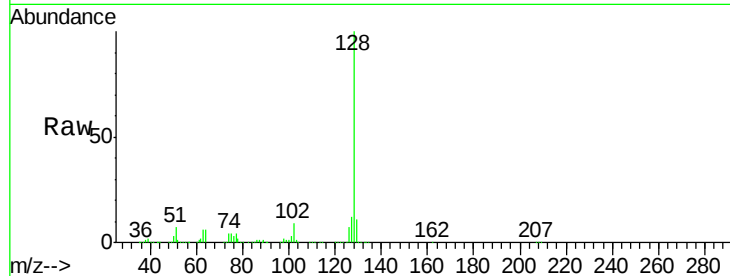




#95
Naphthalene
Concen: 195.152 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 986477
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 162.476 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016187.D
Acq: 14 Aug 2020 11:48

Tgt Ion:180 Resp: 411719
Ion Ratio Lower Upper
180 100
182 96.8 47.7 143.1
145 37.1 17.4 52.3

